



○ COMPUTER-ACCESSORIES 2008/2009

Vivanco offers its retail partners the ideal combination of high-quality products, efficient service, reliable partnership and attractive conditions. Vivanco is one of the leading providers for equipment and connecting accessories – in terms of both the width and the depth of its product lines.

Vivanco has been expanding its service offering for specialist retailers successfully, covering almost the entire value chain along the retail process. From development and manufacturing of new products over logistics, marketing and sales, all the way to product line support at the P.O.S. (Point of Sale). With the company's sense for trends, its well-founded knowledge of production markets, extensive marketing know-how and targeted retailer support, Vivanco is the ideal system service provider and partner for specialist retailers for innovative, market-driven products, P.O.S. service, and ideas. This combination allows retailers to tap their full sales potential

## Vivanco, for maximum effectiveness and competitiveness





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Input Devices

PC Audio

PC Office

Mobile World

Multimedia

PC Performance

Others

## Vivanco and bazoo – the mighty duo at the POP



vivanco

Vivanco is stepping up to the mark in the PC accessories sector with a clear 2-brand strategy.

The Vivanco brand, with its high-quality, attractively priced products, appeals to a target group of purchasers looking for a reliable solution for their PC problem, or looking to give their laptop some basic upgrades.

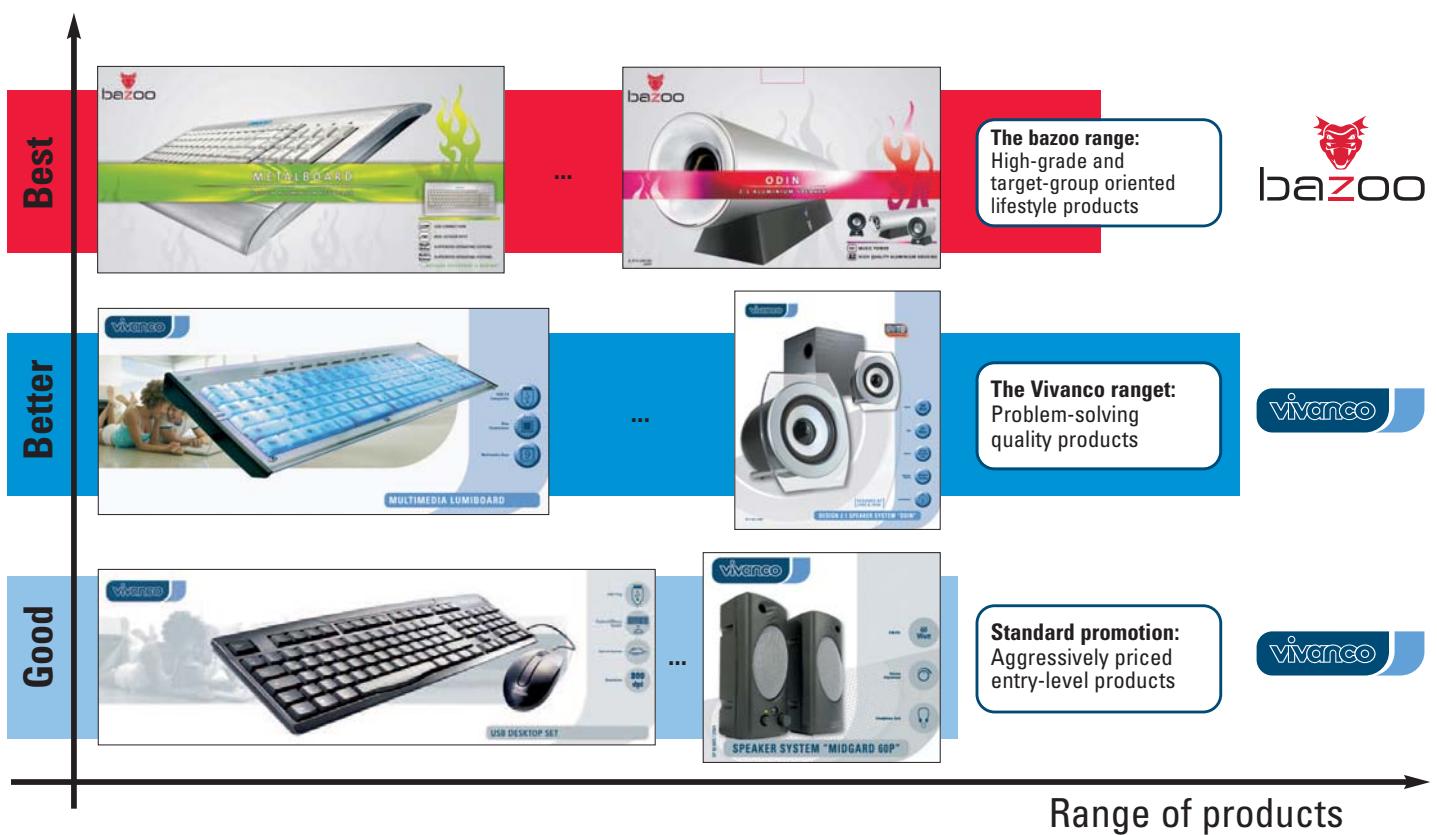
The bazoo brand is aimed at the consumer with an eye for technology and design wanting to upgrade their computer or working environment with optically and technically attractive lifestyle devices.

bazoo is different in form, colour, technology and design, and is the only brand in the accessories sector which clearly appeals to the target group of young people, taking into account current trends.

## Good-Better-Best Strategy

**...for specific customer appeal**

Lifestyle



## Input Devices – One Click Ahead®



Input Devices

Vivanco's range of input devices offers the right product for any need! The growing market for PC accessories or PC input devices offers new opportunities to increase sales and profits. The groundbreaking laser technology has been conquering the area of computer mice. Vivanco is the first vendor to offer a complete range from the beginner mouse to high end wireless products – faster and more comprehensive than our market-leading competitors! No need to mention that Vivanco also offers interesting products for beginners or, under the bazoo label, design-oriented and technology-oriented goods for users who prefer the unusual. In the area of keyboards, Vivanco sets the course with several premium design keyboards, while covering all other segments with very attractive items. The packaging optimised in line with the new corporate design rules supports a rapid orientation in the shelf:

### Stackable – Placeable – Hangable (blister)

- Can be used for any sales situation
- Ideal for multiple placements

### Product stands in the foreground – simple pictogram language

- Easy and fast information for the dealer and the final customer

### Only 2 packaging layouts

Attractively priced standard promotion articles (white/grey) and technologically/optically advanced products (white/blue or bazoo)

=> Focus is on essential information at the POP!

### What information does the short designation for mice contain?

e. g.: MSFLC 10 RD

B	MS	F	L	C	10	RD
Label	Category	Transfe	Sensor	Connection	Model	Colour
NBK = Notebook	MS = Mouse	F = radio	L = Laser	C = Combo	consecutive	RD = red
B_ = bazoo		without = cable	O = optical	U = USB	number	BK = black
without = Vivanco			without = ball	P = PS/2		SI = silver
						BL = blue
						etc.

### What information does the short designation for keyboards contain?

e.g.: B\_KB MM USB 10

B_	KB	MM	USB	10
Label	Catagory	Feature	Connection	Model
B_ = bazoo	KB = wired	OFF = Office	USB = USB Connection	consecutive number
without = Vivanco	WB = wireless	MM = Multimedia	C = Combo	or Material/Form/Colour
		ST = Standard	without = PS/2 Connection	(e.g. ALU, WING, BLUE)



## Keyboards


**KB MM LIGHT**
**Lightboard**

ctn qty. 10

EDP-No. 23239

Multimedia Keyboard with blue backlight

- Blue key backlight (can be switched off)
- 9 multimedia and internet hotkeys
- USB connection
- For Windows® 98SE, 2000, ME, XP, Vista
- Packaging: cardboard box


**KB ST**
**Compact Keyboard**

ctn qty. 20

EDP-No. 11459

- Standard PS/2 keyboard

- 3 Windows® power keys (Sleep, Wake up, and Power down)
- For Microsoft® Windows® 95, 98, 2000, ME, NT, XP
- Package: cardboard box


**PRO WB MM II**
**Wireless desktop set with USB receiver**

ctn qty. 10

EDP-No. 23238

- 27 MHz transmission frequency
- USB receiver
- Optical mouse with 800dpi resolution,
- 3 keys and scroll wheel
- 10 shortcut keys for opening Media Player, Explorer, e-mail and for volume control and Media Player functions
- Piano lacquer finish for mouse and keyboard
- LED display for NumLock and CapsLock in the receiver (saves battery power)
- LED battery warning in the keyboard
- Extra-flat keys for comfortable typing
- Driver software included
- Batteries included
- For Windows® 98SE / 2000 / ME / XP and Vista


**KB USB SET BK**
**USB Desktop Set**

ctn qty. 10

EDP-No. 22547

Attractive entry-level set for all PC users

- Standard keyboard with USB connection and 3 Windows® power keys
- Optical USB mouse with 800 dpi resolution
- Supports Windows® 98SE / 2000 / ME / XP and Vista
- Packaging: cardboard box



## Keyboards

### B\_WB MEDIA

bazoo Wireless Mediaboard

ctn qty. 10 EDP-No. 23689 **new**

The bazoo wireless media board is the ideal device for remote-controlled media PC operation. Thanks to a 2.4 GHz radio connection, stable and delay-free control of a media PC is no longer a problem - and the range of up to 10m makes surfing, watching TV or DVDs a real pleasure. The 18 hotkeys make it possible to access the most important media functions quickly and directly, e.g. opening Media Player, e-mail software, the web browser and controlling these programmes (forward, back, play, pause etc.).

- Wireless radio keyboard with integrated mouse control
- 2.4 GHz radio frequency for wide reach and high stability
- Integrated mouse stick for easy cursor control without the need for an additional device
- Compact USB receiver module
- Range ca. 10 m
- Extra flat keys for a high level of typing comfort
- Stable and torsion-resistant design
- Quick-start instructions and 4x AA batteries included
- For Windows XP and Vista



Input Devices



WIRELESS TECHNOLOGY



USB 2.0



INTEGRATED  
MOUSE CONTROL



MAX. DISTANCE



FOR  
XP



FOR  
VISTA

OPERATING  
SYSTEMS

### B\_KB USB ALU

bazoo Metalboard

ctn qty. 10 EDP-No. 23500

The bazoo Metalboard offers outstanding features and the highest quality! The solid aluminium front makes the Metalboard quite unique.

Its scissor-type keys make typing a real joy, and the brushed aluminium with the dimly lit bazoo logo makes the bazoo Metalboard the ideal asset for elegant and design-oriented working environments.

The USB connections lets you instantly put the bazoo Metalboard into operation with almost any operating system: be it Windows® 98SE, Windows® Vista, MacOS (version 9.x or later) or Linux – simply plug in and off you go!



- Solid aluminium front, ca. 3 mm thick
- Real scissor-type keys for convenient typing
- High-speed USB 2.0 connection
- Blue illuminated bazoo logo
- Transparent cable
- German keyboard layout
- Packaging: cardboard box



USB CONNECTION



REAL SCISSOR KEYS



OPERATING SYSTEMS



OPERATING SYSTEMS



MacOS9.X  
Linux



PLUS X AWARD®  
achieved for:  
Design



### B\_KB MM MEDIA

bazoo Mediaboard

ctn qty. 10 EDP-No. 23250

Compact multimedia keyboard with USB port



- Lateral USB 2.0 port for connecting any USB device
- Integrated wrist rest for comfortable typing
- 8 multimedia, 8 internet and 2 system hotkeys
- Requires 2 USB ports for keyboard and USB port
- For Windows® 98SE, 2000, ME, XP, Vista
- Packaging: cardboard box



USB CONNECTION



USB PORT



HOT KEYS



OPERATING SYSTEMS



OPERATING SYSTEMS



## Keyboards



**B\_KB MM BLUE**  
bazoo Blueboard

ctn qty. 10 EDP-No. 23230

Elegant design keyboard in aluminium look

- Lateral USB 2.0 port for connecting any USB device
- Integrated wrist rest for comfortable typing
- 4 multimedia keys for volume control and PC shutdown
- Scissor-type keys in notebook style for convenient typing
- Requires PS/2 connection for the keyboard, USB connection for USB port
- For Windows® 95, 98, 2000, ME, NT, XP, Vista
- For Linux kernel 2.6.x.y and later
- Packaging: cardboard box



PS/2 CONNECTION



REAL SCISSOR KEYS



USB PORT



OPERATING SYSTEMS



OPERATING SYSTEMS



## Desktop & Notebook Mice

Vivanco – One Click Ahead®

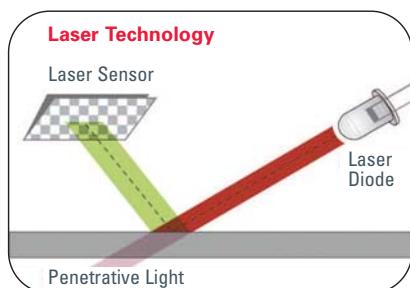
### Laser technology – why?

The use of a laser for scanning a tabletop surface enhances the precision and thus the pointer movement accuracy – resembling the advantage of a mouse with an optical sensor over a ball mouse. This further performance boost makes the mouse an outstanding tool for gamers, graphical designers and CAD users but also for the business user and all those who wish to do away with the notorious mousepad on the desktop – because with laser technology you can operate your mouse on 99.9% of all surfaces!

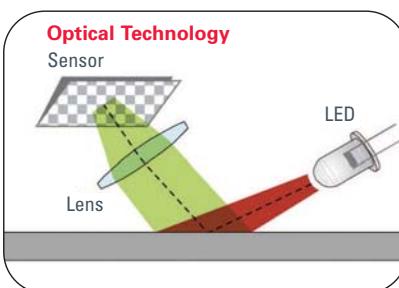
Input Devices

### The Laser Technology Principle

An optical sensor detects the beam transmitted by the corresponding LED and reflected by the desktop surface. The laser sensor works the same way but since the laser beam is much better focused, the reflection result is by far more precise.



Concentrated laser beam for more precise scanning results.



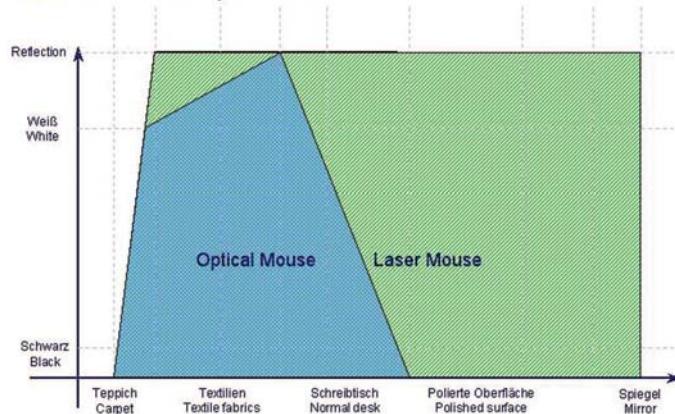
Dispersed LED light with faded scanning results.



Finer structures as a result of laser technology.



Funktioniert auf nahezu jeder Oberfläche!  
Works on almost any surface!



Enhanced precision scanning – works on virtually any surface

Sharper scan result – enhanced precision

Higher resolution – ideal for gamers, graphic artists, business users etc.

## Desktop Mice

**MSFLU 25** ctn qty. 10 EDP-No. 23236

**Laser FM Velvet**

Now in a wireless variant featuring the latest laser technology – the Laser FM Velvet combines the successful concept of the Optical Red Velvet with the convenience of a wireless unit and the highest laser precision! The enclosed charger ensures the integrated Li-Polymer battery is quickly recharged and also features 2 USB ports!

- USB connection
- Max. resolution of 1,600 dpi for highest precision (can be switched to 800 dpi)
- 2 radio channels for interference-free operation
- Integrated Li-Polymer battery for optimum operating time
- 6 keys (3 programmable) incl. scroll wheel
- For Microsoft® Windows® 98SE, 2000, ME, XP, Vista
- Packaging: cardboard box

USB Resolution Switch Wireless FM Channels/IDs LI-POLY Built-In Rechargeable Battery Max. Distance 4 Programmable Buttons Built-In USB Hub Operating Systems FOR 98SE 2000 ME XP FOR WIN VISTA

**MSLU 10** ctn qty. 20 EDP-No. 22553

**Laser Mouse**

With the new Laser Mouse you can work on almost any surface. Fast reaction and precise movement are not a problem. Due to the switchable resolution (1,000/2,000 dpi), the Vivanco Laser Mouse is suitable for all applications.

- Laser sensor with a resolution of 1,000/2,000 dpi
- 3 buttons with scroll wheel
- USB connection
- For Windows® 98SE/2000/ME/XP and Vista
- For Mac OS 9.x and later
- For Linux 2.6.x.y. and later
- Packaging: cardboard box

USB Resolution 3 Buttons and Scroll Wheel FOR 98SE 2000 ME XP FOR VISTA FOR MAC OS 9.x FOR LINUX 2.6.x.y.

**new MSFOU 15** ctn qty. 10 EDP-No. 23494

**2.4 GHz wireless optical mouse**

Wireless optical mouse with radio technology increases your working comfort. No cable confusion anymore! Fast reaction and wide range thanks to 2.4 GHz transmission frequency. Easy USB connection, including rechargeable battery

- Optical sensor with 800dpi resolution
- 2.4 GHz transmission frequency with 20 channels
- USB charging station
- 5 buttons incl. scroll wheel
- Approx. 5m range
- For Windows® 98SE, 2000, ME, XP and Vista
- For Linux 2.6.x.y
- Incl. quick start guide and rechargeable battery (AAA)

USB Resolution Wireless FM Max. Distance 5 Buttons Click and Scroll Wheel FOR 98SE 2000 ME XP FOR VISTA FOR MAC OS 9.x FOR LINUX 2.6.x.y.

## Desktop Mice

### MSOOC 15

#### Optical Red Velvet

ctn qty. 10 EDP-No. 23235

Exclusive design, 5 programmable keys and a special soft touch surface – these are the outstanding features of the Optical Red Velvet Mouse. Fatigue-free working even over longer periods of time and direct access to frequently used functions make this mouse an ideal companion for your daily work. Special surface for relaxed working, even after longer periods of time.

- Connects to USB or PS/2 port (adapter enclosed)
- 800 dpi resolution
- 5 programmable buttons (2 preset buttons, which, however, can be reprogrammed with the enclosed driver software)
- Scroll wheel can be programmed as third mouse button
- Incl. driver and manual
- For Microsoft® Windows® 95, 98, 2000, ME, NT, XP, Vista
- Packaging: blister



Input Devices



### MSOC Display

#### Optical Soft Touch Mouse Display

ctn qty. 18 EDP-No. 19931

The special coating of the Optical Soft Touch Mouse allows for comfortable playing or working – and the USB-PS/2 combo plug ensures freedom of connection.

- Connection to USB and PS/2 ports
- 800 dpi resolution
- Programmable click & scroll wheel
- Colour distribution: 12 off black, 3 off blue, 3 off white
- For Microsoft® Windows® 95, 98, 2000, ME, NT, XP, Vista
- Packaging: blister



### MSOU 10

#### Optical USB Mouse

ctn qty. 10 EDP-No. 22859

Attractive optical entry-level mouse

- USB connection
- 800 dpi resolution
- 3 buttons with scroll wheel
- For Windows® 98SE, 2000, ME, XP, Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later
- Packaging: cardboard box



## Desktop Mice

**new B\_MSFLU RDM**

bazoo "Red Merlin" Wireless Laser Mouse

ctn qty. 4

EDP-No. 23457

Striking design and cutting-edge technology - the bazoo Red Merlin combines these two elements in a next-generation wireless mouse! A laser sensor with adjustable resolution for maximum precision control, 2.4 GHz technology for extremely robust wireless connectivity, and TiltWheel function (licensed by Microsoft) for easy 4-way scrolling are highlights of the bazoo Red Merlin - and the design speaks for itself!

- 2.4 GHz wireless technology
- USB receiver with LED display
- Adjustable sensitivity (800, 1.200, 1.600 dpi), shown by LED on top
- TiltWheel technology for 4-way scrolling
- Special coating of side parts
- 5 buttons incl. scroll wheel
- Incl. driver software, 2x AA batteries, quick installation guide and manual (on CD)
- For Windows® 98SE, 2000, ME, XP and Vista

**new B\_MSLU BKM**

bazoo "Black Merlin" Laser Mouse

ctn qty. 4

EDP-No. 23458

The bazoo Black Merlin: zero lag response thanks to USB connection, high quality laser sensor with adjustable resolution for quick and precise movement. TiltWheel technology (licensed by Microsoft) for easy 4-way scrolling as well as extraordinary design - a mouse for the most demanding users!

- USB plug with PIL technology (Power Indication Light)
- Adjustable sensitivity (800, 1.200, 1.600 dpi), shown by LED on top
- TiltWheel technology for 4-way scrolling
- Special coating of side parts
- 5 buttons incl. scroll wheel
- Incl. driver software, quick installation guide and manual (on CD)
- For Windows® 98SE, 2000, ME, XP and Vista

**B\_MSLU G**

bazoo "Excalibur" Laser Gaming Mouse

ctn qty. 4

EDP-No. 23503

Exclusive Laser Gaming Mouse in carbon design  
The switchable resolution and the weight modules let you optimally adapt the mouse to any game situation

- 3 weight modules (10 g, 15 g, 20 g) for 8 different total weights
- LEDs indicate the selected resolution and the inserted weights
- Special pads for optimum sliding properties
- High-quality micro switches for fastest signal transmission
- USB connection with gold-plated plug
- 4 selectable resolutions, 400 – 2.400 dpi
- 5 buttons with scroll wheel (programmable)
- For Windows® 98SE, 2000, ME, XP, Vista



## Desktop Mice

### B\_MSLC ECT

**bazoo "Ector" Laser Combo Mouse**

ctn qty. 4

EDP-No. 23459 **new**



Ergonomically designed laser mouse with USB connection and PS/2 adapter included in scope of delivery – For universal connection to new and old computer systems.

- USB or PS/2 connection possible (adapter enclosed)
- 1,600 dpi resolution
- 5 keys (including scroll wheel)
- bazoo "PIL" USB plug connector
- Elegant black/charcoal
- For Windows® 95, 98, 2000, ME, NT, XP and Vista
- For MacOS 9.x and higher
- For Linux Kernel 2.6.x.y. and higher
- Supplied in practical 4-colour sales display (in multiples of 4)
- Packaging: Blister



Illu. similar



Input Devices



## Notebook Mice

### NBK MSFOU

**Optical FM Notebook Mouse**

ctn qty. 5

EDP-No. 22235



- Receiver with USB connection
- For transport, the receiver can be fastened underneath the mouse
- 800 dpi resolution
- 3 buttons with scroll wheel
- Special coating of lateral surfaces for optimum grip
- On/Off switch for manual power saving
- For Windows® 98SE, 2000, ME, XP, Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later



### NBK MSOU 10

**Optical Notebook Mouse**

ctn qty. 5

EDP-No. 23241

Ergonomic 5-button notebook mouse

- USB connection
- 800 dpi resolution
- 5 buttons with scroll wheel (programmable, software available for downloading)
- Special coating of lateral surfaces for optimum grip
- Automatic cable reeler for space saving mouse transport
- For Windows® 98SE, 2000, ME, XP, Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later





## NBK MSOC 30 RDC Optical Mini Hot Rod Display

ctn qty. 6 EDP-No. 22554

The Optical Notebook Hot Rod – a homage to the chrome-decorated cars of the 1950ies and 1960ies. In red, silver and black it ideally complements every notebook and every design desk.

- USB or PS/2 connection possible (adapter enclosed)
- 800 dpi resolution
- Programmable scroll wheel
- 3 colours (red, black, silver) per display
- For Microsoft® Windows® 95, 98, 2000, ME, NT, XP and Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later
- Packaging: blister



**bazoo**

**B\_MSLU NANO****bazoo "Nano" Laser Mouse**

ctn qty. 6 EDP-No. 23501

The bazoo Nano laser mouse is the world's smallest laser mouse!

- USB connection
- Switchable resolution (1,000/2,000 dpi)
- 3 buttons with scroll wheel
- Automatic cable reeler for space saving mouse transport
- For Windows® 98SE, 2000, ME, XP, Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later
- Packaging: blister (in retail display carton)



Illu. similar



**bazoo**

**new B\_MSLU NANO LTD****bazoo "Nano" Laser Mouse "Limited Edition"**

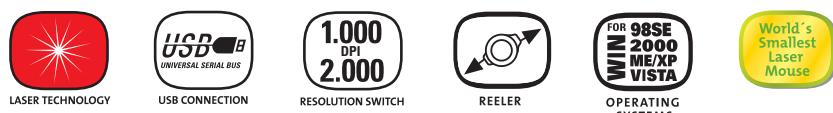
ctn qty. 6 EDP-No. 23695

The world's smallest mouse - now available in limited Gold Edition.

- USB connection
- Switchable resolution (1,000/2,000 dpi)
- 3 buttons with scroll wheel
- High-grade, multi-layer gold-effect lacquer
- Automatic cable reeler for space saving mouse transport
- Colour distribution: 2x red, 2x blue, 2x black
- For Windows® 98SE, 2000, ME, XP, Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later
- Packaging: blister (in retail display carton)



Illu. similar



## Notebook Mice

### B\_MSOU LUG

bazoo "Lugus" Notebook Mouse

ctn qty. 6

EDP-No. 21929 **new**



Small laptop mouse with retractable USB cable and special surface coating for comfortable working on the move.

- USB port
- Retractable cable
- 800 dpi resolution
- 3 keys (including programmable scroll wheel)
- Elegant black with coated surface
- For Windows® 98SE, 2000, ME, XP and Vista
- For MacOS 9.x and higher
- For Linux Kernel 2.6.x.y. and higher
- Supplied in practical 4-colour sales display (in multiples of 6)
- Packaging: Blister



Input Devices



OPTICAL SENSOR



USB CONNECTION



RESOLUTION



REELER



BUTTONS



RUBBER COATING



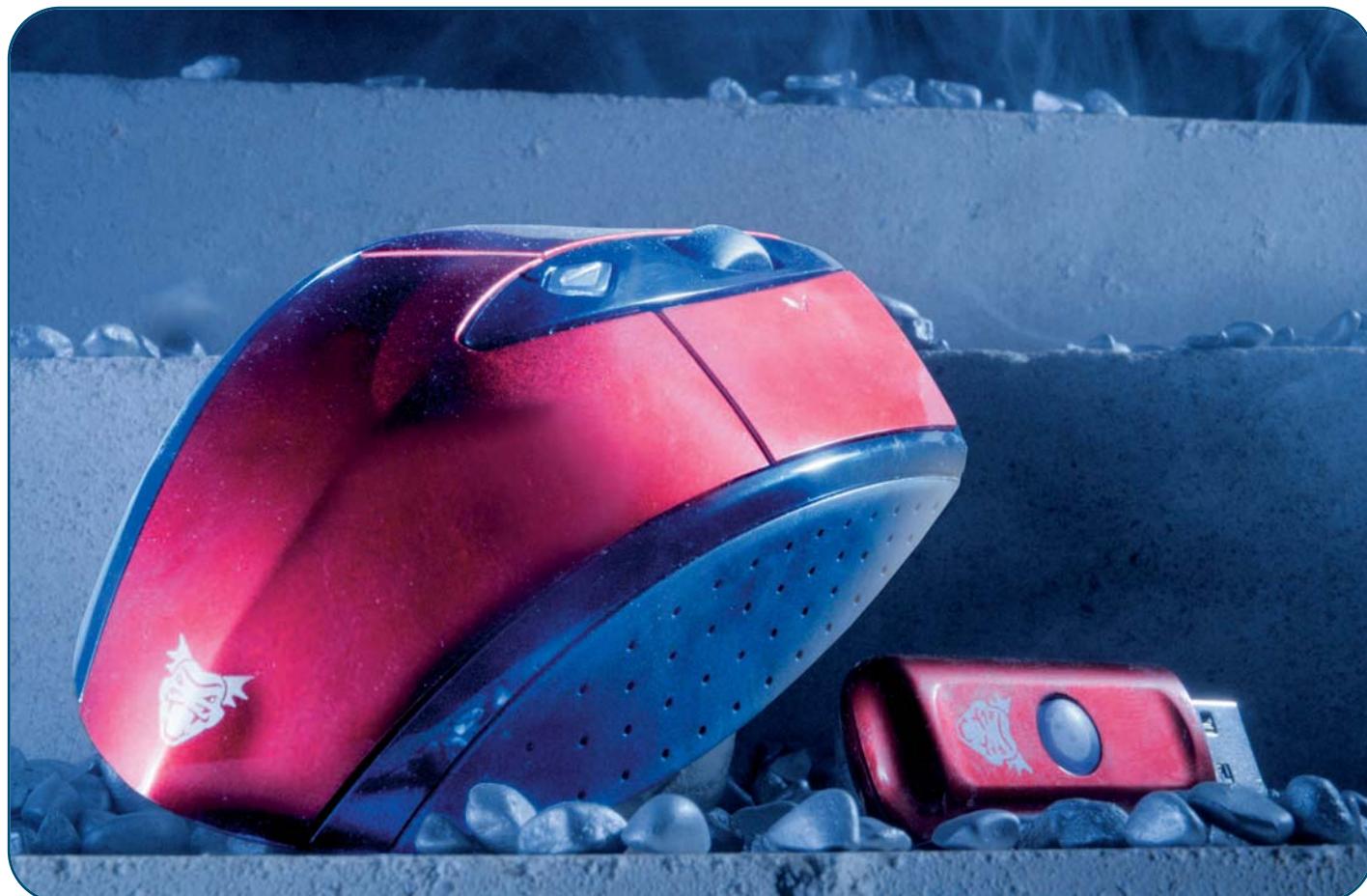
OPERATING SYSTEMS



OPERATING SYSTEMS



OPERATING SYSTEMS



## Speaker and Headsets for all Demands



### Product range update

The market for PC audio accessories is one of the fastest-growing areas in the computer accessories segment. Vivanco has recognized this trend and with its new 2.1 Speaker Systems is again setting standards in this growth market, driven mainly by the areas of "Gaming – Playing games on the PC", "DVD – Watching movies on the PC", and "MP3 – Listening to music on the PC". The high margin product line of PC headsets furthermore offers new attractive products for the segments "PC Gaming" and "Voice over IP".

### The packaging concept

The update of the product range went hand in hand with a complete make-over and optimization of the packaging design for the PC audio range. A clearly structured packaging, meaningful photos and easily understandable pictograms support the consumers' orientation and make it easier to find the right product.

For the PC headsets, we adopted the successful packaging concept for our webcams. An all transparent blister box allows the customer to completely appraise the product without having to unpack it.

### Clear design focusing on the product

Distinction from the competition and product highlighting.

### Simple pictogram language

Easy and fast information for the dealer and the final customer

### Only 2 packaging layouts

Price/technology entry level (white-grey) and sophisticated technology/design (white-blue and bazoos).

The headsets are supplied in the tried and tested all-round blister boxes and thus provide the ideal view of the product - without opening the packaging.

**What information does the abbreviated designation of loudspeakers and headsets convey?**  
e.g.: SP 2.1 350 THO

SP	2.1	350	THO
Category	Channel	Feature	Name or Usage
SP = Speaker	2.1 = 3-Channel	DSP = Sound Processor	THO = Thor
HM = Headset	5.1 = 6-Channel	or	ODI = Odin
MF = Microphone	Ohne = 2-Channel	Consecutive Number	VOIP = Voice over IP
			GAME = Gaming



## 2.1 Speaker Systems

### SW 2.1 TFT

Design 2.1 Subwoofer System "Freya", Multi-Channel

ctn qty. 4 EDP-No. 19007

The wooden subwoofer and the special aluminium satellites ensure a balanced sound and perfectly match modern flat screens and PC workstations. In spite of its compact satellites, the Freya 2.1 TFT system impresses with an extraordinary sound. All stereo signals from sources such as sound cards, MP3 players, HD players etc. with 3.5 mm output jacks are reproduced with impressive quality.

- Music output: 18 Watt RMS
- Frequency range 70 Hz – 20 kHz
- Dimensions: Subwoofer: 140 x 140 x 160 mm  
Satellites: 50 x 170 x 90 mm
- Satellites entirely made of aluminium
- Excellent sound in a compact case
- Illuminated satellite feet and subwoofer front
- Subwoofer is small enough to fit on a table
- On/Standby switch & LED power indicator
- Bass control
- External 230 V/50 Hz Euro wall power supply
- Packaging: cardboard box



PC Audio



### SP 2.1 MID

Multi-Channel Subwoofer System "Midgard 2.1"

ctn qty. 4 EDP-No. 22544

The Midgard 2.1 system offers multi-channel sound, an attractive design and a top price-performance ratio.

- 10 W RMS / 180 W p.m.p.o. music output
- Frequency range: 150 – 20.000 Hz
- Volume and bass control
- 3.5 mm jack
- Magnetically shielded
- Dimensions: Subwoofer: 160 x 185 x 180 mm  
Satellites: 85 x 198 x 103 mm
- Packaging: cardboard box



## 2.1 Speaker Systems

### PRO SP250 THO

Multi-Channel 2.1 Subwoofer System "Thor 250P"

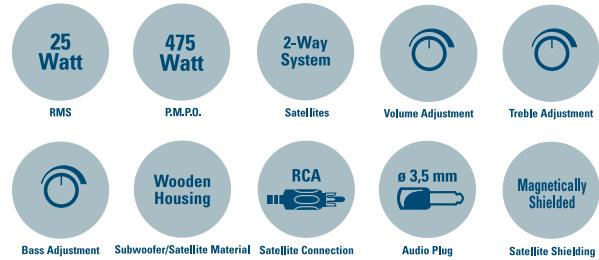
ctn qty. 2

EDP-No. 21344

Powerful 2.1 subwoofer sound system with a real music output of 25 W RMS. With its 2-way satellites and the huge 5.25" subwoofer, the Thor 2.1 250P system ensures rich sound playback for games, videos, MP3 and more!



- Total music output: 25 W RMS
- Frequency range 30 Hz – 20 kHz
- Impedance 4 Ω (subwoofer) / 6 Ω (satellites)
- 5.25" loudspeaker (subwoofer) / 1"+ 3" loudspeakers (satellites)
- Cable remote control for convenient volume adjustment
- Subwoofer and satellites with high-quality MDF cases
- Internal 230 V / 50 Hz power supply
- Magnetically shielded
- Dimensions: Subwoofer approx. 212 x 221 x 239 mm  
Satellites approx. 119 x 154 x 122 mm
- Packaging: cardboard box



**bazoo**

### new B\_SP 2.1 230 ODI

bazoo "Odin" 2.1 Aluminium Speaker System

ctn qty. 10

EDP-No. 23475

Small in size but large in sound - the Odin 2.1 Aluminium Speaker System delivers perfect desktop sound. Low resonance aluminium housing and 12W RMS sound output are only the basic details of this high-quality system. Integrated volume control allows optimum control of the Odin 2.1 Aluminium Speaker System.



- Aluminium housing for subwoofer and satellites
- 12W RMS / 230W p.m.p.o. music output
- Frequency range 38 – 80.000 Hz
- Magnetically shielded
- Volume control / on-off switch integrated in right satellite
- External power supply
- Dimensions: Subwoofer: 270 x 80 x 59 mm  
Satellites: 59 x 75 x 55 mm
- Packaging: cardboard box



OUTSTANDING DESIGN  
FOR YOUR WORKSPACE



HIGH QUALITY  
ALUMINIUM HOUSING



230  
WATT

50 W P.M.P.O.  
BASS POWER



12 W

RMS



VOLUME ADJUSTMENT



3.5 mm AUDIO PLUG



MAGNETICALLY  
SHIELDED

## 2.0 Speaker Systems

### SP 140 MID

#### 2.0 Speaker System "Midgard 140"

The Midgard 140 system offers rich sound, an attractive design and a top price-performance ratio.

- 3 W RMS / 140 W p.m.p.o. music output
- Frequency range: 150 – 20.000 Hz
- Volume control
- Headphone socket
- 3.5 mm jack
- Magnetically shielded
- Dimensions: 110 x 235 x 115 mm
- Packaging: cardboard box



ctn qty. 8 EDP-No. 22543



PC Audio

### SP 70 MID

#### 2.0 Speaker System "Midgard 70"

The Midgard SP70 system convinces with its attractive design and price.

- 2 W RMS / 70 W p.m.p.o. music output
- Frequency range: 150 – 20.000 Hz
- Volume control
- Headphone socket
- 3.5 mm jack
- Magnetically shielded
- Dimensions: 85 x 198 x 103 mm
- Packaging: cardboard box



ctn qty. 12 EDP-No. 22542



## 2.0 Speaker Systems

### PRO SP60 MID

2.0 Speaker System "Midgard 60P"

ctn qty. 12

EDP-No. 22541



At last on the market – the successor of the widely sold ASC 60 speaker system! With their unobtrusive black case and the silver loudspeaker grille, the new Midgard 60P speakers fit into any working environment and thus are ideal for simple PC sound playback.

- 1 W RMS / 60 W p.m.p.o. music output
- Frequency range: 150 – 20.000 Hz
- Volume control
- Headphone socket
- ON/OFF switch
- 3.5 mm phone jack  
(for PC, notebook, MP3 player, etc.)
- With euro plug
- Dimensions: 65 x 160 x 70 mm
- Packaging: cardboard box



**new**

### B\_SP MOB ODI

bazoo "Odin Mobile" Notebook Speaker

ctn qty. 24

EDP-No. 23476

No power outlet, no batteries - integrated USB notebook or PC port conveniently supplies power to this mobile speaker system. The blue illuminated underside lends a distinctive design note!

- 2.0 speaker system with wooden housing
- USB power supply
- 3.5 mm plug for audio source connection
- Size of one satellite only 68 x 50 x 77 mm!
- Magnetically shielded
- 4 W RMS / 50W p.m.p.o. music output
- Frequency range 150 – 20.000 Hz
- Packaging: cardboard box



COMPACT SIZE  
FOR MOBILE USE



WOODEN HOUSING FOR  
BEST SOUND QUALITY



BLUE ILLUMINATION



50 WATT



4 W



3.5 mm AUDIO PLUG



MAGNETICALLY  
SHIELDED

## Surround Headsets

### B\_HM 5.1 GAME

bazoo "Avalon" 5.1 Gaming Headset

ctn qty. 5

EDP-No. 22166

The bazoo AVALON 5.1 headset sets new standards for the demanding gamer! 8 loudspeakers integrated in the AVALON 5.1 headset guarantee optimum surround sound for PC games. With its detachable microphone and the extra long analogue cable the AVALON 5.1 headset is also optimally suited for private listening to DVDs. The convenient remote control lets you individually adjust each of the channels and also mute the microphone.

- 8 loudspeakers for true to life 5.1 surround sound
- 40 mm loudspeakers for the front channel (2 off)
- 30 mm loudspeakers for rear, center and subwoofer channels (2 off each)
- Frequency range: 20 – 20.000 Hz
- Lead length: 2.1 m
- Headphone impedance 64 Ohms (front), 32 Ohms (rear, center), 8 Ohms (subwoofer)
- Microphone impedance 2.2 kOhms
- Remote control for individual volume control of each channel
- Microphone mute function
- Detachable, flexible microphone
- 3.5 mm jack
- Packaging: blister



PC Audio

## Stereo Headsets

### HM USB GAME

Gaming Headset "Walhalla USB"

ctn qty. 5

EDP-No. 22162

USB gaming headset with volume control. Padded ear cushions and a flexible microphone make this headset a comfortable accessory for every PC game session!

- Ideal for PC games and multimedia applications
- Also suited for Voice over IP application (internet telephony)
- In-line volume control with mute function and fastening clip
- USB connector for connecting the headset to PC or notebook – without sound card!
- Padded ear cushions for high wearing comfort
- Flexible microphone arm for an optimum microphone position
- Approx. 2.5 m long cable for convenient use of the headsets
- Packaging: blister box

#### Headphones

- Frequency range: 20 – 20.000 Hz
- Impedance 32 Ohms
- 40 mm loudspeakers

#### Microphone:

- ANC technology
- Impedance 2.2 kOhms
- Sensitivity -39 dB +/- 3dB



## Stereo Headsets



### HM NB

#### Neckband Headset "Loki"

ctn qty. 5

EDP-No. 22558

Convenient neckband headset simplifies your first steps in internet telephony (VoIP)

- Can be easily worn behind your head
- Integrated volume control
- 3.5 mm phone jack to hook up the headset to the PC or notebook sound card
- Flexible microphone
- Cable length approx. 1.8 m
- Packaging: blister

#### Headphones:

- 15 mm loudspeaker
- Frequency range: 20 – 20.000 Hz
- Impedance 32 Ohms
- Sensitivity 105 dB +/- 3 dB

#### Microphone:

- Omni directional
- Impedance 2.2 kOhms
- Sensitivity -58 dB



### HM NB FEN II

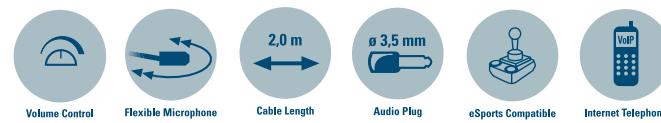
#### Neckband Headset "Fenris NB"

ctn qty. 5

EDP-No. 22556

Headset with neckband design - ideal for novices, for travelling and for short VoIP calls!

- 30 mm loudspeakers
- Frequency range: 20 – 20.000 Hz
- Lead length: 2 m
- Headphone impedance 32 Ohms
- Microphone impedance 2.2 kOhms
- Volume control
- Flexible microphone
- 3.5 mm jack
- Attractive blister packaging
- Packaging: blister



## Mono Headsets



### HM MONO

#### Mono Headset "Loki"

ctn qty. 5

EDP-No. 22557

Monaural headset for convenient and easy internet telephony (VoIP)

- Can be worn on the left or right side
- 3.5 mm phone jack to hook up the headset to the PC or notebook sound card
- Flexible microphone
- Cable length approx. 1.7 m
- Packaging: blister

#### Headphones

- 15 mm loudspeaker
- Frequency range: 20 – 20.000 Hz
- Impedance 32 Ohms
- Sensitivity 104 dB +/- 3 dB

#### Microphone:

- Omni directional
- Impedance 2.2 kOhms
- Sensitivity -58 dB



## Microphone

### MF CLIP 10

Clip Microphone "Loki"

High-quality clip-on microphone

- Ideal for VoIP application
- 3.5 mm jack
- Cable length approx. 2 m
- ANC microphone
- Impedance < 10 kOhms
- Sensitivity -58 dB +/-3 dB
- Packaging: blister

ctn qty. 5 EDP-No. 22167



PC Audio

### MF CLIP20

Clip Microphone

Clip-on microphone for simple language capturing

- With clip for fastening to the monitor or similar
- 3.5 mm jack
- Cable length approx. 1.8 m
- Electret microphone
- Impedance 600 Ohm
- Sensitivity -54 dB +/-3 dB
- Packaging: blister

ctn qty. 5 EDP-No. 22559



### MF DESK

"Loki" desktop microphone

ctn qty. 20 EDP-No. 22168 **new**

Multi-media desktop microphone in attractive design

- Including stand and adjustment option
- 2 m cable
- 3.5 mm jack
- Impedance: 2.2 kOhm
- Frequency range: 100 Hz – 16 kHz
- Packaging: Blister



## For DVD



**DVD2 Box 5**  
Double DVD Box, black

ctn qty. 30 EDP-No. 19547

- Black DVD hardcover box
- Unbreakable material
- Shrink wrapped in sets of 5
- For 2 DVDs or CD-ROMs each
- Dimensions: 134 x 190 x 70 mm
- Only sold in full packaging units!



**DVD Slim Box 10**  
Black DVD Hardcover Box

ctn qty. 10 EDP-No. 22008

- For 1 DVD incl. booklet
- Transparent foil attached outside to insert the DVD cover
- Additional brackets inside for the booklet
- Shrink wrapped in sets of 10
- Dimensions: 19,2 x 13,6 x 7 cm
- Only sold in full packaging units!



**DVD Box 5**  
for 1 DVD

ctn qty. 10 EDP-No. 22009

- Transparent foil attached outside to insert the DVD cover
- Standard version, 14 mm flat
- Additional brackets inside for the booklet
- Shrink wrapped in sets of 5
- Dimensions: 19,2 x 13,6 x 7 cm
- Only sold in full packaging units!

## For CD/CD ROM



**CD Slim Case Set**  
CD Slim Cases

ctn qty. 10 EDP-No. 22007

- Black/transparent CD jewel cases
- Unbreakable material
- Protects the CD from damage
- Shrink wrapped in sets of 10
- For one CD-ROM each with insert
- Dimensions: 125 x 145 x 52 mm
- Only sold in full packaging units!



## CD Slim Case Set

### CD slim cases in bulk packs

- Unbreakable material
- Protects the CD from damage
- For one CD-ROM each with insert
- Black/transparent or coloured/transparent (5 assorted colours)

**25 pack black/transparent slim cases** foil-wrapped ctn qty. 8

EDP-No. 21869

**25 pack coloured/transparent slim cases** 5 assorted colours (pink, purple, blue, green, orange), foil-wrapped ctn qty. 8

EDP-No. 21870

## Multi Jewel Cases

### CD BOX II

#### Double CD Jewel Case

- Black/transparent CD jewel cases
- Unbreakable material
- Protects the CD from damage
- Shrink wrapped in sets of 5
- For 2 CD-ROMs each
- Dimensions: 125 x 140 x 50 mm

ctn qty. 40 EDP-No. 12121



### CD BOX Double

#### Double CD Jewel Case

- Transparent CD jewel cases
- Unbreakable material
- Protects the CD from damage
- Shrink wrapped in sets of 5
- For 2 CD-ROMs each
- Dimensions: 125 x 140 x 50 mm

ctn qty. 40 EDP-No. 12105



PC Office

## Paper CD covers

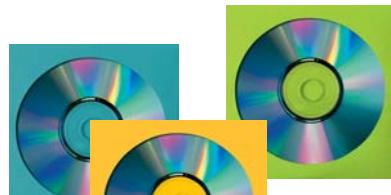
### Paper CD covers

- Practical paper covers, e.g. for storing backup copies or CDs included with magazines
- For 1 CD each
- With viewing window for quick reference of the CD and self-adhesive insert flap
- White or in assorted colours (white, blue, yellow, green, red)
- Package: in plastic box

### CD PS 25 W

#### Paper CD cover, white, 25 pieces

ctn qty. 40 EDP-No. 22050



### CD PS 50 W

#### Paper CD cover, white, 50 pieces.

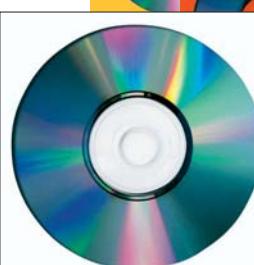
ctn qty. 20 EDP-No. 22051



### CD PS 100 W

#### Paper CD cover, white, 100 pieces

ctn qty. 5 EDP-No. 22052



### CD PS 25 M

#### Paper CD cover, assorted colours, 25 pieces

ctn qty. 40 EDP-No. 22053



### CD PS 50 M

#### Paper CD cover, assorted colours, 50 pieces

ctn qty. 20 EDP-No. 22054



## CD archiving covers

- Practical clear plastic cover for storing loose CDs without a cover
- For 1 CD each
- Made of transparent, heat-resistant PP material
- Package: in plastic box

### CD PPE 25

#### CD archive sleeves, transparent, 25 pieces

ctn qty. 12 EDP-No. 22062



### CD PPE 50

#### CD archive sleeves, transparent, 50 pieces

ctn qty. 8 EDP-No. 22063

## Cleaning &amp; Care

**new****CPS 30****Pump spray for plastic & screen**

ctn qty. 8

EDP-No. 24008

- Gently removes dust and dirt from plastic and glass surfaces
- Reduces resoiling
- With cloth for fluid application
- Ozone-friendly, non-inflammable, biologically degradable
- Antistatic effect
- Contents: 200 ml e
- Dimensions: ø 55 mm x height 155 mm

**NOT for cleaning LCD ,TFT and Plasmascreens****new****CCT 10****Computer cleaning cloths**

ctn qty. 12

EDP-No. 24005

- 100 special cleaning cloths for computer surfaces
- Soaked in cleaning fluid
- For cleaning monitors and cases
- Easily removes all kinds of dirt
- Dimensions: 80 mm x height 180 mm

**new****CAD 10****Air duster**

ctn qty. 12

EDP-No. 24007

- Air duster specially developed for keyboards, printers and disk drives
- Removes dust even in remote areas
- Also for overhead application
- Non-inflammable, contains no CFC or HCFC
- Contents: 125 ml e
- Dimensions: ø 55 mm x height 185 mm

**new****CD IP 04 P****Pen for writing on CDs (4 colours)**

ctn qty. 12

EDP-No. 22753

- CD marker with 4 colours for permanent writing on CD-ROMs
- Special ink is waterproof, does not smear and is not poisonous

## Mousepads / Photomousepads

### Mousepads MP3/18

Mousepads with fabric cover in three colours

- Colours: red, black, blue, each with Vivanco logo
- Supplied in display box with 18 x 6 x per colour
- Each mousepad is mounted on backing card and can be hung on the wall
- Fabric surface with anti-static effect
- Non-slip foam rubber underside
- Size: 20 x 23 cm
- Nice and flat: only 3 mm thick
- Package: cardboard
- Only sold in full packaging units!

ctn qty. 18 EDP-No. 21429



### MP3x6GIRLS

Photomousepads "GIRLS"

- 6 designs to choose from
- 18 pcs. (3 of each design) packed in white display box
- Mouse pad with brilliant photo print
- PVC surface for optimal mouse gliding
- Non-skid foam rubber backing
- Size: 20 x 23 cm
- Slim: thickness only 3 mm!
- Items are packed in polybag with carton header: They can be hung into the shop wall or be presented in the display carton
- Package: polybag with carton header
- Only sold in full packaging units!

ctn qty. 18 EDP-No. 21980



PC Office

### MP4x5HOLIDAYS

Photomousepads "HOLIDAYS"

- 4 designs to choose from
- 20 pcs. (5 of each design) packed in white display box
- Mouse pad with brilliant photo print
- PVC surface for optimal mouse gliding
- Non-skid foam rubber backing
- Size: 20 x 23 cm
- Slim: thickness only 3 mm!
- Items are packed in polybag with carton header: They can be hung into the shop wall or be presented in the display carton
- Package: polybag with carton header- Only sold in full packaging units!

ctn qty. 20 EDP-No. 21982



### MP4x5ALIEN

Photomousepads "ALIEN"

- 4 designs to choose from
- 20 pcs. (5 of each design) packed in white display box
- Mouse pad with brilliant photo print
- PVC surface for optimal mouse gliding
- Non-skid foam rubber backing
- Size: 20 x 23 cm
- Slim: thickness only 3 mm!
- Items are packed in polybag with carton header: They can be hung into the shop wall or be presented in the display carton
- Package: polybag with carton header
- Only sold in full packaging units!

ctn qty. 20 EDP-No. 21983



## Metal Wallets "City Maps"

- CD-Wallets made of stable aluminium
- Motifs show excerpts from maps of well-known cities with selected places of interest
- For 24 CDs each
- Interior: CD covers made of heat-resistant PP with anti-static fleece
- Black, anti-static flees protects CDs against dirt and scratches
- With practical double-zipper
- Packaging: Cardboard slip case
- 4 designs to choose from:



**new CD MW24-MAP BERL**  
City Plan "Berlin"

ctn qty. 6 EDP-No. 23813



**new CD MW24-MAP LOND**  
City Plan "London"

ctn qty. 6 EDP-No. 23814



**new CD MW24-MAP PARI**  
City Plan "Paris"

ctn qty. 6 EDP-No. 23815



**new CD MW24-MAP NY**  
City Plan "New York"

ctn qty. 6 EDP-No. 23816

## Metal Wallets "Flags"

- CD-Wallets made of stable aluminium
- Motifs show flags of selected countries in used look with incorporated signs of use
- For 24 CDs each
- Interior: CD covers made of heat-resistant PP with anti-static fleece
- Black, anti-static fleece protects CDs against dirt and scratches
- With practical double-zipper
- Packaging: Cardboard slip case
- 5 designs to choose from:

**CD MW24-GDR**  
Flag "DDR"

ctn qty. 6 EDP-No. 23817 **new**



PC Office

**CD MW24-USSR**  
Flag "CCCP"

ctn qty. 6 EDP-No. 23818 **new**



**CD MW24-CH**  
Flag "SWISS"

ctn qty. 6 EDP-No. 23819 **new**



**CD MW24-BRAZIL**  
Flag "BRASIL"

ctn qty. 6 EDP-No. 23820 **new**



**CD MW24-JAMAICA**  
Flag "JAMAICA"

ctn qty. 6 EDP-No. 23821 **new**



## Metal Wallets "Bollywood"

- CD-Wallets made of stable aluminium
- Motifs with symbols and colours from "Bollywood" / India
- For 24 CDs each
- Interior: CD covers made of heat-resistant PP with anti-static fleece
- Black, anti-static flees protects CDs against dirt and scratches
- With practical double-zipper
- Packaging: Cardboard slip case
- 4 designs to choose from:



**new** CD MW24-BUDDHA  
"BUDDHA"

ctn qty. 6 EDP-No. 23822



**new** CD MW24-GANESH  
Elephant God "GANESH"

ctn qty. 6 EDP-No. 23823



**new** CD MW24-DANCER  
"Belly dancer"

ctn qty. 6 EDP-No. 23824



**new** CD MW24-OM  
Mantra "OM"

ctn qty. 6 EDP-No. 23825

## Metal Wallets "Gothic"

- CD-Wallets made of stable aluminium
- Motifs with patterns and figures from the theme "Gothic"
- For 24 CDs each
- Interior: CD covers made of heat-resistant PP with anti-static fleece
- Black, anti-static fleece protects CDs against dirt and scratches
- With practical double-zipper
- Packaging: Cardboard slip case
- 4 designs to choose from:

**CD MW24-R.I.P.**  
"Gravestone "R.I.P."

ctn qty. 6 EDP-No. 23826 **new**



PC Office

**CD MW24-SPIDER**  
"Spider with Web"

ctn qty. 6 EDP-No. 23827 **new**



**CD MW24-VAMP**  
"Vamp"

ctn qty. 6 EDP-No. 23828 **new**



**CD MW24-SKULL**  
"Skull with Flames"

ctn qty. 6 EDP-No. 23829 **new**



## Metal Wallets "Party"

- CD-Wallets made of stable aluminium
- Print in cheerful colours shows motifs from the theme of "Parties and celebrations"
- For 24 CDs each
- Interior: CD covers made of heat-resistant PP with anti-static fleece
- Black, anti-static flees protects CDs against dirt and scratches
- With practical duoble-zipper
- Packaging: Cardboard slip case
- 3 designs to choose from:



**new CD MW24-LADIES**  
"Dancing Ladies"

ctn qty. 6 EDP-No. 23830



**new CD MW24-SHARK**  
"Shark in a cocktail glass"

ctn qty. 6 EDP-No. 23831



**new CD MW24-GECKO**  
"Gecko"

ctn qty. 6 EDP-No. 23832

## PC Performance & Mobile World

### Relaunch of two successful wall display product lines

Vivanco answered rising demands on a flexible product presentation at the P.O.P. for the "Mobile World" and "PC Performance" sub lines by completely revising these lines.

The lines' attractiveness was significantly enhanced by the following measures.

#### More than 30% new products

We respond to the fast changes in the IT accessories market by launching new products and, for example, focusing on USB products, coolers and notebook accessories.

#### Reduced number of packaging variants

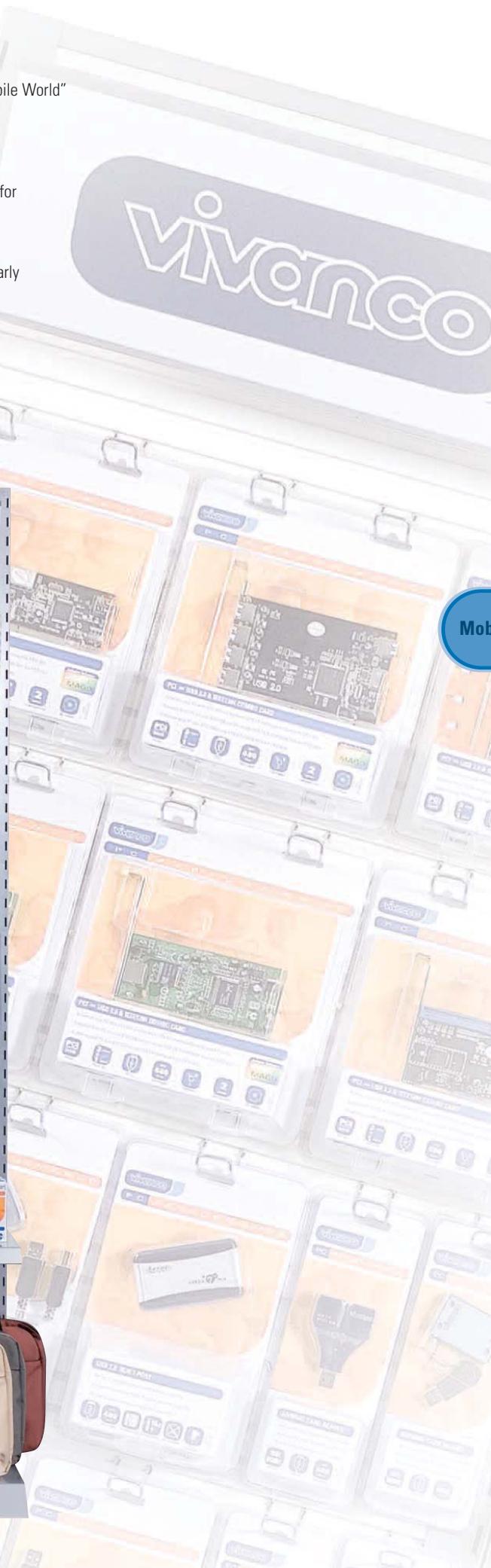
The reduced number of packaging variants to only a few standard variants allows for very clearly arranged and structured sales areas.

#### Optimised packaging size

Smaller packagings make for better usage of the available sales area.

#### Consolidated appearance of both product lines

This allows products of both lines to be flexibly presented according to dealer requirements – on the wall as well as separately.



## The new accessories line for notebooks

### Why a "Mobile World" product line?



Notebooks add a new kind of freedom to PC users. More and more people opt on a mobile use of their PCs and wish to extend, expand and protect their notebook with suitable accessories. Vivanco's "Mobile World" product line offers a broad selection of useful and attractive accessories, from mouse to pilot's case and thus adds to an optimised individual usage.

The notebook bags certainly are one of the highlights of the entirely revised product range: they hold the right product in store for every application and target group, from protective covers with Memory Foam, sportive and attractive bags of our Caseman guest brand to exquisite leather bags!

### Our sales-effective "Mobile World" packaging

Only a good product measures up to its packaging because only a didactically clear and self-explaining communication warrants a correct product selection and a satisfied customer. The outstanding features of our design specially adapted to the product line are:

- 1** Blisters for hanging or standing presentation
- 2** Fully visible products displaying all major features
- 3** All major features in a prominent place
- 4** All relevant properties clearly shown "at a single glance"



## Notebook Bags

### NBK EXE ECO

ctn qty. 5 EPD-No. 23229

#### Notebook business bag "Economy" 15.4"

Notebook business bag "Economy" for 15.4" notebooks. Robust notebook bag made of rugged material

- Weight: 1.6 kg
- Dimensions: 390 x 280 x 45 mm
- Can bear up to 10 kg
- Softly padded notebook compartment with rigid frame, holding strap and separator: 400 x 290 x 55 mm with additional organizer compartment for pens and business cards
- 3-part document compartment: 390 x 230 x 20 mm
- Front pouch with Velcro fastener
- Trolley holder for easy transport
- Robust handle for comfortable carrying
- Ergonomic shoulder strap with metal snaps
- Safety feet



Weight 1,6 kg



10 kg



17"



Hand Luggage



### NBK EXE EASY

ctn qty. 4 EPD-No. 22451

#### 15.4" mixed leatherette notebook bag, model "Easy"

Briefcase "Easy" for 15.4" notebooks in top quality; sportive business bag for highest demands.

Mobile World

- Can bear up to 10 kg
- Weight: 1.3 kg
- Dimensions: 420 x 370 x 80 mm
- Premium quality for your notebook
- Main compartment: 420 x 350 x 10 mm
- Softly padded notebook compartment with holding strap: 390 x 280 x 70 mm
- Pockets for mobile phone, pens and business cards
- Safety pouch with zipper
- Ergonomic handle for comfortable carrying
- Robust, detachable shoulder strap with metal snaps



Weight 1,3 kg



10 kg



15,4"



### NBK BAG 17 WIDE

ctn qty. 5 EPD-No. 23234 new

#### 17" Widescreen notebook bag

Finally even users of 17" widescreen Notebooks can use a bag to carry their device! Thanks to this bag transport is made easy and protected, the extra compartments even offer space for documents, business cards, mobile phone, etc.

- High quality design with stable handle and comfortable shoulder belt.
- Notebook compartment with stable frame and soft padding, additional organizer compartment for pens and business cards
- 2 document compartments
- stable handle for high carrying comfort and better quality impression
- Bag size: 480 x 380 x 110mm, for 17" widescreen Notebooks
- Notebook compartment size: 460 x 330 mm
- Maximum cargo: 10 kg



Weight 1,6 kg



10 kg



17"



All bags without content!

## Notebook Bags



### NBK MEM BAG

ctn qty. 4

EPD-No. 18923

**Notebook protection "Memory Foam" for notebooks up to 15.4"**

Protective cover for notebooks with up to 15.4" display size special protection through "memory foam". This high-tech material protective cover protects valuable notebooks from damage during transportation. The cover's special material reliably absorbs hard impacts and thus protects the sensitive display and the edges of the notebook. The particularly thick foam material absorbs the energy from impacts and hits and converts it to resilience.

- For notebooks with a size of up to 350 x 285 x 40 mm
- Softly padded with extra protection in the areas around the edges
- Wide elastic straps with velcro fastener for securing the notebook in the bag



### NBK LADY SAND

ctn qty. 8

EPD-No. 22453

**LADY notebook bag, colour: sand**

Fashionable hand bag with notebook compartment and leather handle

- Weight: 0.9 kg
- Dimensions: 400 x 400 x 90 mm
- Can bear up to 10 kg
- Leather handle for comfortable carrying
- Double zippers for super slim bag shape
- Main compartment: 385 x 295 x 25 mm
- Softly padded notebook compartment with holding strap: 385 x 295 x 55 mm
- Pockets for mobile phone, pens and business cards
- Extra pockets / safety pockets with zipper
- Robust, detachable, cushioned shoulder strap in bag colour with metal snaps



## Notebook Bags

### NBK LADY SWAMP

LADY notebook bag, colour: swamp

ctn qty. 8 EPD-No. 22454

Fashionable hand bag with notebook compartment and leather handle

- Weight: 0.9 kg
- Dimensions: 400 x 400 x 90 mm
- Can bear up to 10 kg
- Leather handle for comfortable carrying
- Double zippers for super slim bag shape
- Main compartment: 370 x 280 x 20 mm
- Softly padded notebook compartment with holding strap: 370 x 280 x 50 mm
- Pockets for mobile phone, pens and business cards
- Extra pockets / safety pockets with zipper
- Robust, detachable, cushioned shoulder strap in bag colour with metal snaps



Weight 0.9 kg



10 kg



15.4"



Leather Handle



Mobile World

### NBK LADY CHOC

LADY notebook bag, colour: chocolate

ctn qty. 8 EPD-No. 22455

Fashionable hand bag with notebook compartment and leather handle

- Weight: 0.9 kg
- Dimensions: 400 x 400 x 90 mm
- Can bear up to 10 kg
- Leather handle for comfortable carrying
- Double zippers for super slim bag shape
- Main compartment: 370 x 280 x 20 mm
- Softly padded notebook compartment with holding strap: 370 x 280 x 50 mm
- Pockets for mobile phone, pens and business cards
- Extra pockets / safety pockets with zipper
- Robust, detachable, cushioned shoulder strap in bag colour with metal snaps



Weight 0.9 kg



10 kg



15.4"



Leather Handle



All bags without content!

## Notebook Bags



**NBK CASEM BP ST**  
CASEMAN notebook backpack, design stripes

CASEMAN notebook backpack, design stripes

- Sportive design backpack
- Weight: 1.5 kg
- Dimensions: 350 x 450 x 170 mm
- Versatile design notebook backpack
- Caseman design logo on zipper, front and rear
- Front compartment with zipper, key snap and mobile phone pocket
- Space-saving foldable notebook compartment
- Notebook compartment: 280 x 370 x 65 mm
- Holding strap with Velcro fastener and super soft padding optimally protect the notebook
- Generous 3-part document compartment with holding strap
- Lateral mesh pockets provide additional storage space
- Ergonomically shaped shoulder straps

ctn qty. 5 EPD-No. 22446



370 x 470 x 70 mm

Weight 1,5 kg



10 kg



15,4"



**NBK CASEM MS ST**  
CASEMAN notebook messenger bag, design stripes

ctn qty. 7 EPD-No. 22447

Fashionably designed "Caseman" notebook bag for 15.4" notebooks

- Weight: 1.3 kg
- Dimensions: 340 x 440 x 110 mm
- Versatile design college bag
- Caseman design logo on zipper and front
- 2 small front compartments pockets with zippers
- Outside compartments with zippers at the front and rear
- Space-saving foldable notebook compartment
- Holding strap with Velcro fastener and super soft padding optimally protect the notebook
- Generous storage space and additional zippered compartment



440 x 340 x 110 mm

Weight 1,3 kg



10 kg



15,4"



**NBK CASEM MS FL**  
CASEMAN notebook messenger bag, design Flower

ctn qty. 7 EPD-No. 22448

Fashionably designed "Caseman" notebook bag for 15.4" notebooks

- Weight: 1.3 kg
- Dimensions: 340 x 440 x 110 mm
- Versatile design college bag
- Caseman design logo on zipper and front
- 2 small front compartments pockets with zippers
- Outside compartments with zippers at the front and rear
- Space-saving foldable notebook compartment
- Holding strap with Velcro fastener and super soft padding optimally protect the notebook
- Generous storage space and additional zippered compartment



440 x 340 x 110 mm

Weight 1,3 kg



10 kg



15,4"

## Notebook Bags

### NBK Sporty BP

Sporty notebook bag "Backpack" 15.4"

Sporty super lightweight, sportive notebook "Backpack" for 15.4" notebooks

- Weight: 0.72 kg
- Dimensions (l x w x h): 330 x 440 x 170 mm
- Can bear up to 10 kg
- Super lightweight notebook backpack for 15.4" notebooks
- Vivanco Sporty logo at the front
- Main compartment: 285 x 440 x 110 mm
- Softly padded notebook compartment with holding strap: 285 x 370 x 60 mm
- Mesh pocket and compartments for pens and business cards
- Front compartment with pocket for mobile phone and key ring
- Lateral pocket for drinking bottle
- Extra pocket for MP3 player with headphone recess
- Padded back and shoulder straps
- Adjustable belly strap for optimum fit



330 x 440 x 170 mm

Weight 0,72 kg



Lightweight



10 kg



15,4"



### NBK Sporty BA

Sporty notebook bag "Basic" 15.4"

Sporty super lightweight, sportive "Basic" notebook bag for 15.4" notebooks

- Weight: 0.85 kg
- Dimensions (l x w x h): 420 x 340 x 95 mm
- Can bear up to 10 kg
- Super lightweight notebook bag for 15.4" notebooks
- Vivanco Sporty logo at the front
- Main compartment: 405 x 315 x 70 mm
- Softly padded notebook compartment with holding strap: 380 x 230 x 60 mm
- Organizer compartment for mobile phone, pens and business cards
- Trolley holder with Velcro fastener for easy transport
- Ergonomic handle for comfortable carrying
- Robust, adjustable shoulder strap



420 x 340 x 95 mm

Weight 0,85 kg



Lightweight



10 kg



15,4"



Mobile World

### NBK Sporty MS

Sporty notebook bag "Messenger" 15.4"

Sporty super lightweight, sportive notebook bag "Messenger" for 15.4" notebooks

- Weight: 1 kg
- Dimensions (l x w x h): 420 x 340 x 110 mm
- Can bear up to 10 kg
- Super lightweight notebook bag for 15.4" notebooks
- Vivanco Sporty logo at the front
- Main compartment: 400 x 310 x 90 mm
- Softly padded notebook compartment with holding strap: 380 x 280 x 60 mm
- 2-part document compartment
- Pockets for mobile phone, pens and business cards
- Front compartment with zipper
- Handle for comfortable carrying
- Robust shoulder strap



420 x 340 x 110 mm

Weight 1,0 kg



Lightweight



10 kg



15,4"

## Notebook Bags


**new NBK Malo Grip, gr.**
**Notebookbag Maloperro "Grip on street", 15,4"**

ctn qty. 8 EPD-No. 25700

Stylish Designer bag for Notebooks by the attractive trend label Maloperro. For all design-oriented customers. Exclusive material impression because of awesome Pu Nabuk effect, developed by italia fashion Designers.

## Compartment split:

- Padded Notebook compartment, locked with velcro
- Extra compartment for documents
- Separate netted compartment with zipper
- Large front compartment with separation for accessories like cable, pens, cell phone, MP3, books, documents, business cards.
- External Velcro compartment for easy access on travel documents, etc.

## Additional features:

- Velcro closing in front for more comfort on opening and closing the bag
- Extra holder
- Inklusive extra padded shoulder belt
- Material: pu nabuk effect
- Size Laptop pocket: 37,5 x 26,5 cm, 3 stickers for free

## Compatibility:

- Compatible with notebooks 12" to 15,4"
- Compatible with Apple notebooks 13" to 15,4"

**new**
**NBK Malo Lolita**
**Notebook bag Maloperro "Lolita Wonder", 14,3"**

ctn qty. 10 EPD-No. 25703



The attractive Maloperro Label is great for all fashion- and lifetsyle-oriented girls and young ladies as it is an exceptionally choice in bags. The bag is in an up-to-date design with many applications. The double set includes bag and complimentary case (20 x 7,5 cm), which can be used as cosmetics case or pencil bag.

## Compartments split:

- Padded notebook compartment, locked with velcro
- Two extra compartment for documents
- Small compartment with zipper
- Small compartment with seperation for accessories like pens, cell phone, MP3, business cards.
- Colour inside: spectacular pink

## Additional features:

- Extra holder
- Including padded shoulder belt
- Material: polyester, nylon
- Size Laptop pocket: 36,5 x 24 cm

## Compatibility:

- Compatible with 12" until 14,3" notebooks
- Compatible with Apple notebooks 13"

**new**
**NBK Tweety Mess.**
**Notebook bag Tweety "Messenger", 15,4"**

ctn qty. 10 EPD-No. 25706

Padded Notebookbag in cute Tweety look for trend-oriented girls and young ladies. The design is in ornament look and well known from fashion, wallpaper and tattoos. The graphic print is gold-coloured. Closing with double Velcro.

## Compartments:

- Accessory compartment for cell phone, pens, etc.
- Extra locked compartment for digital camera
- Small zipper compartment
- Extra Velcro compartment for documents
- Second documents compartment with integrated and extra padded notebook compartment

## Additional Features:

- Separate external Velcro compartment on the back side of the bag
- Outside holder
- Padded shoulder belt with embroidery Tweety logo
- Material: nylon

## - Compatibel:

- Compatible with notebooks 12" - 14.1" - 15" - 15.4"



## Notebook Bundles

### NBK Bundle FM

#### Notebook bundle with wireless mouse

The FM Notebook Bundle is one of our new entry-level sets for notebook users. The robust bag is suitable for notebooks up to 17" and features a flexible interior. The bundle is completed by a wireless optical design mouse with USB receiver (batteries included) in an attractive metallic-red finish!

- Notebook bag with rigid frame for notebooks up to 17" (bag dimensions 430 x 350 x 70 mm)
- Can bear up to 10 kg
- Flexible inner partitioning possible
- Document compartment, holder for pens, business cards and small parts
- With carrying strap
- Optical mouse with 800 dpi resolution
- 27 MHz radio technology (2 channels)
- 3 buttons with scroll wheel
- Metallic-red with silver base and corresponding USB receiver
- With batteries



Weight 1,1 kg



10 kg



17"



Optical Sensor



2 Channels



USB Plug



### NBK Bundle 3 in 1

#### 3in1 notebook bundle

The 3in1 Notebook Bundle is one of our new entry-level sets for notebook users. The robust bag is suitable for notebooks up to 17" and features a flexible interior. The bundle is completed by an optical design mouse with USB connection and a passive 4-Port USB hub in an attractive metallic-blue design.

- Notebook bag with rigid frame for notebooks up to 17" (bag dimensions 430 x 350 x 70 mm)
- Can bear up to 10 kg
- Flexible inner partitioning possible
- Document compartment, holder for pens, business cards and small parts
- With carrying strap
- Optical mouse with 800 dpi resolution
- 3 buttons with scroll wheel
- Metallic-blue with black base station and decorative silver stripe
- USB connection
- USB hub (passive) with 4 ports
- Short cable for connection to the mouse
- Metallic blue with acrylic cover (to match the mouse)



Weight 1,1 kg



10 kg



17"



Optical Sensor



USB Hub



USB Plug



Mobile World

### NBK BUNDLE

#### Notebook bag and optical mouse for notebooks up to 17"

Bag:

- Robust frame for special protection
- Two main compartments with many pockets and compartments
- Notebook compartment adapts to notebook size with partitions, inside dimensions: approx. 400 x 320 x 60 mm (up to 17" notebooks)
- Carrying handle and shoulder strap

Mouse:

- Optical sensor with 400dpi resolution
- 3 buttons and scroll wheel
- USB connection: no driver required for Microsoft® Windows® 98SE, ME, XP



Weight 1,4 kg



10 kg



17"



USB



All bags without content!

## Notebook Bags

### NBK BAG 15

Notebook bag for notebooks up to 15.4"



ctn qty. 5 EPD-No. 20378

Sportive notebook bag with shoulder strap. Bag made of robust and durable wear-proof nylon.

- Colour: black with silver decorations
- Two robust hand straps for carrying
- Three bag compartments for a tidy bag interior.
- Front pocket compartment with zipper: triple pen compartment, double business card compartment
- Center pocket compartment with double zipper and extra thick padding for the notebook
- Rear pocket compartment
- Shoulder strap (adjustable up to 1200 mm length), black
- Particularly ergonomic: diagonally fastened attachment eyes for the shoulder strap
- Bag dimensions: 410 x 310 x 70 mm
- Usable interior dimensions for notebook: 400 x 300 x 65 mm



Weight 1,2 kg



10 kg



15,4"

## Sleeves

### BAZ NBK BAG 15" BLACK

ctn qty. 6 EPD-No. 22421

### BAZ NBK BAG 15" ORANGE

ctn qty. 6 EPD-No. 22423

### BAZ NBK BAG 15" MARINE

ctn qty. 6 EPD-No. 22424

Attractive protective cover for notebooks up to 15"

- Durable wear-proof neoprene material
- High quality zipper
- bazoo logo appliqué



Weight 0,25 kg



5 kg



15"

### BAZ NBK BAG 17" BLACK

ctn qty. 6 EPD-No. 22422

Attractive protective cover for notebooks up to 17"

- Durable wear-proof neoprene material
- High quality zipper
- bazoo logo appliqué



Weight 0,27 kg



5 kg



17"

## Notebook Accessories - Power

### NBK POWER AC90

Universal AC/DC laptop power unit

ctn qty. 5

EPD-No. 23685 **new**

High-grade, modern AC/DC laptop power unit with adjustable output power and large selection of adapter tips - **also for new HP (charging and operation), Dell (operation only) and Lenovo laptops.**

- Colour-coded resistors for adjustable output voltage 15 V – 24 V
- Output 90 W
- Input voltage 100 V – 240 V
- Including 9 adapter tips for the most important laptop brands
- Weight approx. 500 g
- Packaging: Blister box



For Use at Home



**90 Watt**

Output Max.



**9**  
Tips Included



**100-240 Volt**  
Input



**15-24 Volt**  
Output



**5 A**  
Output Max.



### NBK POWER DC90

Universal DC/DC laptop power unit for car and aeroplane

ctn qty. 5

EPD-No. 23686 **new**

High-grade, modern DC/DC laptop power unit (car/aeroplane) with adjustable output power and large selection of adapter tips - **also for new HP (charging and operation), Dell (operation only) and Lenovo laptops**

- Colour-coded resistors for adjustable output voltage 15 V – 24 V
- Output 90 W (100 W max.)
- Input voltage 11 V – 15 V
- Including 9 adapter tips for the most important laptop brands
- Weight approx. 170 g
- Packaging: Blister box



For Use in Car



For Use in Plane



**100 Watt**  
Output Max.



**9**  
Tips Included



**11-15 Volt**  
Input



**15-24 Volt**  
Output



Mobile World

Tip Compatibilities:								
Type A for:	Type B for:	Type C for:	Type D for:	Type E for:	Type F for:	Type G for:	Type S for:	Type L for:
Dell	Compaq	Acer, Compaq, Epson, Fujitsu, HP, Hitachi, IBM, Medion, NEC, Samsung	Acer, Compaq, Dell, Hitachi, HP, IBM	Asus, Compaq	Dell	Apple	New HP (power & charge), New Dell (power)	New Lenovo
Fujitsu	NEC							
Panasonic	Samsung	Toshiba	Panasonic, Philips, Sharp, Toshiba	NEC	Dimension: 7,4x6,3 mm (3pin)	Outer ø: 9,3 mm Inner ø: 8,4 mm	Outer ø: 7,4 mm Inner ø: 5,0 mm	Outer ø: 7,9 mm Inner ø: 5,6 mm
Samsung				Sharp, Toshiba	Polarity: +center	Polarity: +center	Polarity: +center	Polarity: +center
Sony								
Outer ø: 6,5 mm Inner ø: 4,5 mm Polarity: +center	Outer ø: 6,3 mm Inner ø: 3,0 mm Polarity: +center	Outer ø: 5,5 mm Inner ø: 2,5 mm Polarity: +center	Outer ø: 5,5 mm Inner ø: 2,1 mm Polarity: +center	Outer ø: 4,75 mm Inner ø: 1,7 mm Polarity: +center	Dimension: 7,4x6,3 mm (3pin)	Outer ø: 9,3 mm Inner ø: 8,4 mm Polarity: +center	Outer ø: 7,4 mm Inner ø: 5,0 mm Polarity: +center	Outer ø: 7,9 mm Inner ø: 5,6 mm Polarity: +center

## Notebook Accessories – Power



### NBK CAR EASY2

**Universal car notebook voltage converter**

For operating and charging standard notebook brands and models in the car

- Adjustable output voltage: 15 V – 24 V
- Max. power 120 Watts
- Input voltage 12 – 13.8 V
- Including 6 adapter plugs for Acer, Compaq, Dell, Gateway, HP, IBM, Sharp, Toshiba
- Weight: 500 g
- Packaging: blister



For Use in Car



For Use in Boat



**120 Watt**

Output Max.



**6**

Tips Included



**12-14 Volt**

Input



**15-24 Volt**

Output



### NBK TRAVEL

**Multi travel adapter**

**Easy operation – for worldwide application!**

ctn qty. 5

EPD-No. 23244

Compact universal travel power plug adapter for easy conversion between all power plugs in all directions.

- For use in Europe, USA, Canada, South America, U.K., Australia, Asia, and other countries
- Compared to similar products, no inadvertent maloperation is possible: a mechanical interlock prevents plugging in a shock-proof plug and then plugging in another shock-proof or euro plug next to it.



Voltage



Voltage



Electrical Safety



**LED**

Function LED



Rubber Coating



Easy Installation



**new**

### NBK TRAVEL KIT

**Traveller's connection set**

ctn qty. 1

EPD-No. 25710

Universal travel plug set for safe use with earth connection plugs (e.g. laptop power units etc.)

- Including 7 adapters for more than 150 countries throughout the world
- Children security
- Including transport bag
- Suitable for Schuko and European plugs

The travel plug is not a voltage and frequency converter!

## Notebook Accessories – Security



### NBK LOCK

**Notebook security lock**

ctn qty. 5

EPD-No. 23240

In spite of its low weight extremely safe chain lock for securing valuable notebooks or beamers at the work place or when travelling.

- Sling loop around a table-leg, for example, and secure the lock insert on the unit
- No universal key but code system
- Weight only approx. 120 g



Theft Protection



For Notebook



For Beamer



**6x3mm**

6 x 3 mm Lock Needed



**2m**

Length



Code Key

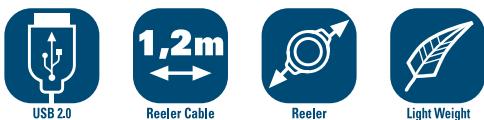
## Notebook Accessories – Connectivity

### NBK USB REELER

USB reeler cable

Extendable USB cable - ideal for travelling

Space-saving extendable USB A to USB B cable. Weight: only 34 g



ctn qty. 5 EPD-No. 23245



### NBK RJ11 REELER

Modem reeler cable

Extendable telephone/modem cable

Space-saving extendable RJ11 (telephone/modem) cable. Weight: only 24 g



ctn qty. 5 EPD-No. 23246



### NBK RJ45 REELER

Network reeler cable

Extendable network/ISDN connection cable

Space-saving extendable RJ45 (network/ISDN) cable. Weight: only 24 g



ctn qty. 5 EPD-No. 23247



Mobile World

## Notebook Accessories – USB Hubs & Card Reader

### NBK USB4 HUB P

Notebook USB hub

4-port USB hub for mobile use

- USB 2.0 hub for up to 4 USB devices
- A power supply can be connected to operate USB devices with higher power consumption
- With USB cable



ctn qty. 5 EPD-No. 23242



## Notebook Accessories – USB Hubs &amp; Card Reader

**new****NBK USB4 HUB P B****4-port notebook USB 2.0 hub**

ctn qty. 5

EPD-No. 23252

USB 2.0 design hub for connecting up to 4 USB devices with low power demand.

- USB 2.0 high speed connection
- 4 ports
- Short connection cable for convenient transport
- Best for Notebook use
- For all operating systems with USB support  
(e.g. Windows® 98SE, 2000, ME, XP, Vista, MacOS, Linux)

**NBK USB SD/MMC****Notebook Card Reader****For miniSD/SD/MMC/RS-MMC memory cards**

ctn qty. 5

EPD-No. 23243

Compact USB2.0 card reader for reading from/writing to memory cards

- For SD/miniSD and MMC/RS-MMC memory cards, also high capacity cards
- USB plug hides inside the reader for safe transport
- Special surface coating for enhanced grip



## Notebook Accessories – Periphery

**new****NBK 10-KEY II****Numeric keypad for laptops**

ctn qty. 5

EPD-No. 22857

The elegant and slim numerical keypad makes it easy to enter numbers on the laptop

- Cable can be fastened to the device to prevent cable entanglement during transportation
- Extra flat keys for a quick number entry
- With NumLock LED
- With treble zero key
- No driver installation required
- For Windows® 98SE, 2000, ME, XP and Vista
- For MacOS 9.x and higher
- For Linux kernel 2.6.x.y. and higher
- Packaging: Blister



## Notebook Accessories – Periphery

### NBK SNAKE2

Handy workplace illumination for notebooks

- Provides spot illumination without disturbing anyone, ideal in darkened trains and airplanes
- Operates off the USB port
- Low power consumption due to LED technology
- Highly flexible swan neck for optimum focusing
- Weight: approx. 60 g
- Package: blister package

System requirements:

- USB port for power supply

ctn qty. 5

EPD-No. 23249



### NBK MSFOU

Optical FM notebook mouse

ctn qty. 5

EPD-No. 22235

Mobile World



### NBK MSOU 10

Optical notebook mouse

ctn qty. 5

EPD-No. 23241

Ergonomic 5-button notebook mouse

- USB connection
- 800 dpi resolution
- 5 buttons with scroll wheel (programmable, software available for downloading)
- Special coating of lateral surfaces for optimum grip
- Automatic cable reeler for space saving mouse transport
- For Windows® 98SE, 2000, ME, XP, Vista
- For Mac OS 9.x or later
- For Linux kernel 2.6.x.y and later





## NBK MSOC 30 RDC

Optical mini hot rod display

ctn qty. 6 EPD-No. 22554

The optical notebook hot rod – a homage to the chrome-decorated cars of the 1950ies and 1960ies. In red, silver and black it ideally complements every notebook and every design desk.

- USB or PS/2 connection possible (adapter enclosed)
- 800 dpi resolution
- Programmable scroll wheel
- 3 colours (red, black, silver) per display
- For Microsoft® Windows® 95, 98, 2000, ME, NT, XP and Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later.
- Packaging: blister



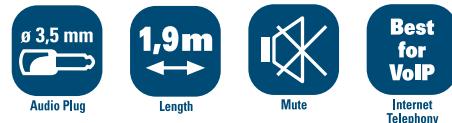
## new NBK VOIP PHONE

Voice over IP telephone for notebooks

ctn qty. 5 EPD-No. 23473

Would you like to make quick and convenient phone calls over the Internet (VoIP) with the feel of a normal handheld telephone? The notebook VOIP phone is an ideal introduction to Internet telephony. Simple connection without software installation ensures effortless online calling.

- White phone handle with light blue elements
- 3.5mm plugs for microphone and speaker
- Cable length approx. 1.9m
- Mute button (microphone)
- For all computer systems (Windows®, MacOS, Linux etc.)
- Works with all messenger softwares



## new NBK USB SOUND

USB 7.1 audioadapter

ctn qty. 5 EPD-No. 23474

The USB sound adapter means the computer can easily be upgraded with a virtual surround sound card. Thanks to the stereo headset which is included in the scope of delivery, comfortable communication via the internet (VoIP) is also possible

- Virtual surround sound card upgrade for a laptop or PC
- Simple installation on a free USB port
- Stereo headset including reeler cable
- For Windows® 98SE, 2000, ME, XP and Vista



## NBK MF MOB

Notebook microphone

ctn qty. 5 EPD-No. 22540

- Compact microphone for voice applications with the notebook (e.g. internet telephony)
- Plug & Play – simply hook to the microphone input



## Webcams

### VGA CAM

#### VGA Webcam

- CMOS VGA sensor
- Resolution 640 x 480
- Compact design, for notebook and PC
- Laptop clip with integrated stand
- Ball joint for individual camera orientation
- Adjustable focus for optimum video image
- Video image in VGA format yields best results even at standard bandwidths
- Snapshot button for shooting stills
- For stills, online chat and monitoring
- Compatible with all popular instant messenger programs
- Plug & Play: Install software, plug in camera – done!
- Max. 30 fps at a resolution of 640 x 480
- Distance to motif: 20 cm to infinite
- Automatic white, brightness and contrast alignment
- Camera weight: approx. 75 g
- Packaging: stackable blister

ctn qty. 5 EDP-No. 21330



#### System requirements:

- Pentium® >= 166 MHz (or compatible PC)
- Active USB 1.1 or 2.0 port.
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista
- CD-ROM drive



### PRO CAM

#### Universal Webcam with Facetracking

ctn qty. 5 EDP-No. 23478 new

Multimedia

- Face tracking function: Selectable by software
- Digital-Zoom
- Resolution: 352 x 288 Pixel, Interpolated by software: up to 1280 x 960 Pixel
- Frame rate: Max. 30 pictures/s
- Exposure control: Automatic and manuell
- White balance: Automatic and manual
- Focus: f/2.4 mm
- Red function LED
- Focus range: 5cm to infinity
- Snapshot: By software (TWAIN-Interface)
- Compatible with most popular chat-software e.g. Skype, Microsoft MSN Messenger, NetMeeting, Yahoo! Messenger
- Video-Options: Resolution, frame rate, picture quality, video format
- Picture options: Brightness, saturation, contrast, sharpness, gamma
- Camera pan-/tilt angle: Up / down 60°, left/ right 360°
- USB cable length: 1.5 m
- Included software: VP-EYES 6.0



#### System requirements:

- Processor >= 500 MHz
- Active USB 2.0 or USB 1.1 Port
- CD ROM drive
- Microsoft® Windows® 98SE, ME, 2000, XP, Vista

- Package content:  
Webcam, CD-ROM including driver, software and manual, printed quick start guide



**new****B\_1,3M CAM NB****1.3 mega-pixel webcam with microphone, driver-free**

ctn qty. 5

EDP-No. 23251

The extremely small camera is particularly suitable for laptops for chatting, stills or for monitoring rooms.

- Ready for operation immediately without driver installation thanks to USB2.0 UVC interface technology
- 1.3 mega pixel CMOS sensor
- Resolution: 1280x1024 physical pixels
- The face-tracking function automatically points the camera image to the face and keeps the users face in the middle of the image
- Horizontally and vertically adjustable
- Easy zoom function using software
- Integrated microphone, perfectly suitable for chatting
- USB 2.0 controller for top speed data transfer
- For stills, online chat and monitoring
- Compatible with all common messenger programmes
- Plug & Play: Install software, plug in camera – done!
- Resolutions: 1280x1024 pixels, 640x480 pixels
- Max. 30fps at a resolution of 640x480, 15fps at 1280x1024
- Distance to motif: 30 cm to infinite distance
- Fixed focus lens
- Automatic white, brightness and contrast alignment
- USB docking station for optimum camera positioning on the table
- An aluminium box protects the camera during transportation

System requirements:

- Processor >= 800 MHz
- Active USB 2.0 Port
- CD ROM drive
- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® XP, Vista, Macintosh® OS 10.4.9



achieved for:  
**Ease of Use**



FOLLOWS USERS MOVEMENT



TRUE RESOLUTION



SPECIAL FOR NOTEBOOKS



TURNABLE 90°

**new****B\_VGA CAM NANO****VGA webcam with microphone**

ctn qty. 5

EDP-No. 25695

This extremely small camera is particularly suitable for laptops for chatting, for stills or for monitoring rooms.

- 300,000 pixels CMOS sensor
- Resolution: 640x480 physical pixels
- The face-tracking function automatically points the camera image to the face and keeps the users face in the middle of the image
- Horizontally and vertically adjustable
- Integrated microphone, perfectly suitable for chatting
- USB 2.0 controller for top speed data transfer
- For stills, online chat and monitoring
- Compatible with all common messenger programmes
- Plug & Play: Install software, plug in camera – done!
- Resolutions: 640x480 pixels (physical) to 1280 x 960 pixels (interpolated)
- Max. 30fps at a resolution of 640x480
- Distance to motif: 30 cm to infinite distance
- Fixed focus lens
- Automatic white, brightness and contrast alignment
- USB docking station for optimum camera positioning on the table

System requirements:

- Processor >= 800 MHz
- Active USB 2.0 Port
- CD ROM drive
- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® XP, Vista



FOLLOWS USERS MOVEMENT



TRUE RESOLUTION



SPECIAL FOR NOTEBOOKS



## Webcams

### B\_VGA CAM SNAKE

bazoo VGA webcam with LED and swan neck

- CMOS VGA sensor
- Resolution 640 x 480
- Elegant housing, for notebooks
- Swan neck for individual camera orientation
- Adjustable focus for optimum video image
- Video image in VGA format yields best results even at standard bandwidths
- 1 ultra bright LED for object illumination
- For stills, online chat and monitoring
- Compatible with all popular messenger programs
- Plug & Play: Install software, plug in camera – done!
- Max. 30 fps at a resolution of 640 x 480
- Distance to motif: 15 cm to infinite
- Automatic white, brightness and contrast alignment
- Packaging: stackable blister

System requirements:

- Pentium® >= 166 MHz (or compatible PC)
- Active USB 1.1 or 2.0 port.
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista
- CD-ROM drive

ctn qty. 5

EDP-No. 22873



USB CONNECTION



VGA  
640x480  
TRUE  
RESOLUTION



FAST SINGLE  
CONTROLLER CHIP



BUILT IN  
WHITE LED



ULTRA FLEXIBLE  
GOOSENECK



FOR  
VISTA  
COMPATIBLE

### VOIP SET

VGA Webcam with stereo headset

ctn qty. 5

EDP-No. 22863 **new**

The product combination, comprising a webcam and headset is the ideal upgrade for all common messenger programmes for chat, video conferencing and internet telephony.

Webcam:

- Compact design - ideal for mobile use on laptop and PC
- Adjustable focus - Sharp images at all times
- Sensor: 640 x 480 pixels VGA
- Best results even with narrow internet band widths thanks to selectable alternative resolutions: 320x240, 176x144, 160x120 pixels
- Maximum 30fps (frames per second) at 640x480 pixels
- Automatic white balance

Headphone:

- Stable, light-weight metal frame
- Frequency range: 100 – 18.000 Hz
- Sensitivity: 105 dB
- Impedance: 32 Ohm

Microphone:

- Frequency range: 100 - 16.000 Hz
- Sensitivity: (1 kHz) 58 +/- 2 dB
- Impedance: ≤ 2,2 kOhm

System requirements:

- Processor >= 500 MHz
- Active USB 2.0 oder USB 1.1 Port
- CD ROM driver
- Microsoft® Windows® 2000, XP, Vista

Multimedia



Resolution



Volume Control



Flexible  
Microphone



USB/3.5 mm



1,8 m



For PC & Notebook

## Voice over IP



### USB VOIP

ctn qty. 5 EDP-No. 22474

#### USB internet telephone set

The USB Voice over IP telephone set turns the PC into a communication centre. The extended function keys make the telephone set ideal for convenient operation of the widespread Skype VoIP platform.

- Separate keys for:
  - Navigation in contacts
  - Open Skype window
  - Call key
  - Dial key
  - Volume key
  - Numeric keypad
  - Setup key
- USB connection for easy installation
- Extra long cable for convenient operation, 2.5 m
- Magnetic holder for storing the set in a tidy workspace
- Special housing design
- Selectable ringing tones
- Optical LED call signal
- Capacitor microphone, -42dB sensitivity
- Drivers for Win2000, WinXP, Vista



### DV Kit-N

#### Digital video kit

ctn qty. 10 EDP-No. 23450

The Vivanco Digital Video Kit makes video editing a mere pleasure. The Vivanco FireWire® card featuring 3 external and 1 internal connections is the ideal interface for DV camcorders and up to 62 further FireWire®-compatible devices. Video grabbing, editing, cutting, dubbing, disk recording and importing as well as exporting a multitude of popular formats is blindingly easy with Magix Video deLuxe - Vivanco Edition.

- Compatible with IEEE 1394, FireWire®, i.LINK
- Super fast transfer rates of up to 400 Mbps.
- Incl. IEEE 1394 4-pin to 6-pin cord, 1.5 m
- Full bundled video software: Magix Video deLuxe - Vivanco Edition
- 8 stereo tracks for video, audio and text
- Numerous special effects for video and audio
- Additional MPEG-2 export option  
(DARIM demo MPEG-2 encoder / optional upgrade)
- 1 CD with video and audio samples / motifs / templates
- Packaging: cardboard box

#### System requirements:

- Pentium® II >/= 266 MHz or compatible
- At least 64 MB RAM (128 MB)
- PCI Slot rev. 2.1/2.2
- At least 300 MB hard disk space
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista



### Video editing and processing software from the multiple test winner inclusive

The prizewinning Magix Video deluxe SE video editing and processing software from the multiple test winner comes with video tutorials for beginners and advanced users. Turn your PC into a digital audio and video studio. Magix Video deluxe SE lets you:

- Capture videos (e.g. from analogue sources such as VHS, Hi8)
- Edit videos (e.g. create subtitles, crossfade effects and more) and write them to DVD/CD
- Create your own DVD menus
- Convert/encode audio files (MP3, WAV, CD-A)
- And much more (the software comes with a detailed description)

## Audio & Video

### SOUND 6C PCI-N 6-channel PCI sound card

6-channel PCI sound card for connecting 6 speakers (5.1)

- Premium 3D sound experience through HRTF-based audio extension and 6-channel 16-bit DAC
- 16-bit full duplex CODEC with support for "Voice over IP" Internet telephony systems
- Support of: Microsoft® DirectSound 3DTM, Aureate® A3DTM interface and Creative® EAX interface C3DX Positional Audio for 4-channel speaker mode plus centre / subwoofer in 6-channel speaker mode
- Compatible with Legacy® Audio SB16
- DSL-based wavetable music synthesizer
- Supports DirectMusic™
- Incl. audio rack software and multi-channel demos
- Connections for 6 speakers, microphone, Line IN, 1 off Game – Midi
- Packaging: cardboard box

System requirements:

- 128+ MB RAM
- Free PCI slot
- Microsoft® Windows® 98, ME, 2000, XP, Vista and Linux



### NBK USB SOUND USB 7.1 audio adapter

ctn qty. 5 EDP-No. 23474 **new**

Multimedia

The USB sound adapter means the computer can easily be upgraded with a virtual surround sound card. Thanks to the stereo headset which is included in the scope of delivery, comfortable communication via the internet (VoIP) is also possible.

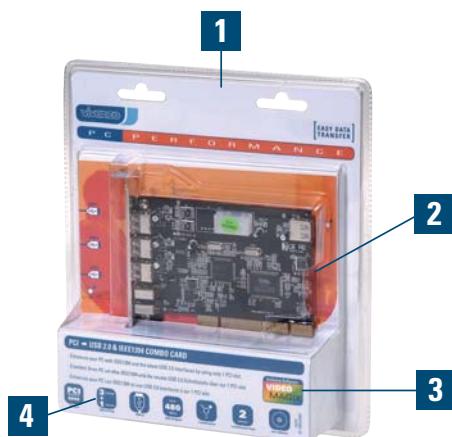
- Virtual surround sound card upgrade for a laptop or PC
- Simple installation on a free USB port
- Stereo headset including reeler cable
- Microsoft® Windows® 98SE, 2000, ME, XP and Vista





Cardboard packaging

- 1** Box type for standing or shelf presentation
- 2** Fully represented products displaying all major features
- 3** All major features in a prominent place
- 4** All relevant features "at a glance"



Blister packaging

- 1** Blisters for hanging or standing presentation
- 2** Blisters for hanging or standing presentation
- 3** All major features in a prominent place
- 4** All relevant features "at a glance"



## Three strong-selling packaging concepts

In order to meet all kinds of presentation requirements at the point of purchase (POP), the range comprises three different packaging types.

The question as to whether

- **Cardboard**
- **Blister**
- **Sales display (RDC – retail display carton)**

is decided by the retailer's requirement for the customer. This ensures the range is placed ideally in the shelves, on the wall or at the POP in the RDC (e.g. blister products in themed baskets).

A new feature is also the option of placing the blistered products in shelf systems outside the wall areas. It has emerged that markets divide product groups up into themed areas, including multiple placements, in order to boost turnover. The new Vivanco sales display means your customer no longer has to place all PC performance product groups in a single location on a rear wall, but it is now also possible to place them in themed areas (e.g. basket presentations of all USB interface products, such as USB hubs or USB adapters). As a result, your customer can use the products flexibly in the sales area as desired.

More complex products requiring more explanations, e.g. network components, are still offered in cardboard packages. Products which speak for themselves are packaged in blister packaging so that they are generally fully visible in a wall presentation.

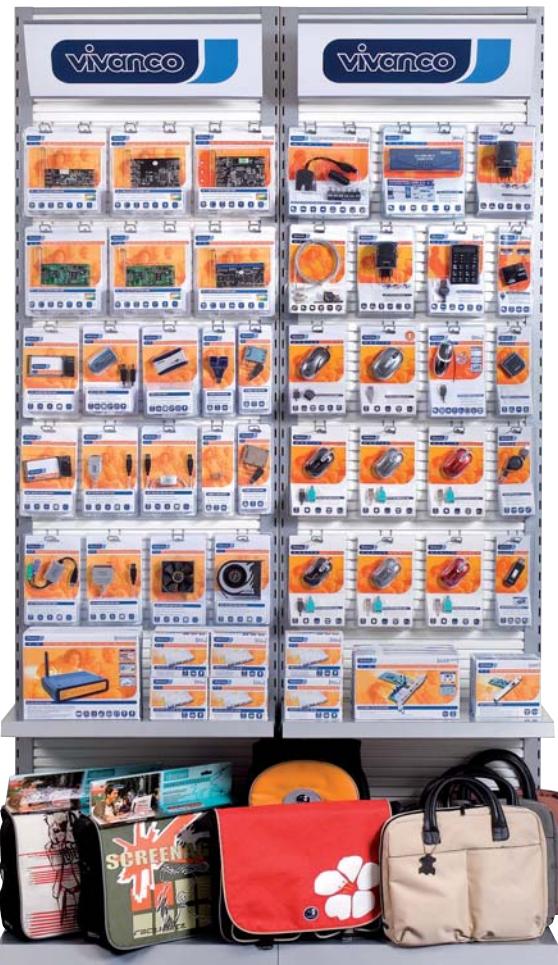
The new Vivanco packaging concept provides your customer with clear benefits:

- Flexible presentation of all PC performance products
- The option of straight-forward multiple placement of all products (rear wall and/or shelf)
- Functional self-explanatory packaging of cardboard and blister products

### PC performance – new range concept

Alongside the change in packaging concept, much has changed in the range itself. The range concept has been completely reworked. The reworking of the range sees:

- Over 30% new products in the range
- All packaging with the new Vivanco corporate design
- Harmonisation of PC performance packaging (There are now 5 types of packaging)
- Products can be combined with the Mobile World range
- Investment in own designs (e.g. USB adapter)
- Products with innovative technologies (e.g. heatpipe cooler and Express Cards)



## Bluetooth®

## USB Adapters

### BT2 USB C1 EDR

AirConAction2 USB Bluetooth® V2.0 EDR adapter class 1

ctn qty. 5

EDP-No. 23231

Provides a high speed connection from a computer to the wireless Bluetooth® world. The Vivanco AirConAction2 USB Dongle is the ultimate solution if you want to easily and quickly link your PC with Bluetooth®-compatible devices such as PDAs, mobile phones, printers, etc.

#### Characteristics:

- Newest Bluetooth® Version V2.0 with EDR ( Enhanced Data Rate )
- Data transmission rates of up to 3 Mbps ( 3 times faster than BT 1.X )
- Real Bluetooth® Class 1 product with a range of up to 100 m
- The included Bluetooth® software by TOSHIBA offers optimum support for all current BT profiles
- Worldwide standardized 2.4 GHz radio standard
- High data security through encryption and authentication
- Optimum reception due to freely movable antenna
- Wireless access to networks / the Internet without cable via Bluetooth® mobile phones or access points
- Incl. comfortable Bluetooth® Management Software for managing the Bluetooth® PAN (Personal Area Network) and the communication between the Bluetooth® compatible devices
- Includes USB extension cable, quick guide and extensive user manual on CD
- Packaging: blister

System requirements:

- Computer with USB 1.1/2.0 support
- Microsoft® Windows® 2000, ME, XP or Vista



### BT2 USB C2 EDR

AirConAction2 USB Bluetooth® V2.0 EDR adapter class 2

ctn qty. 5

EDP-No. 23232

Provides a high speed connection from a computer to the wireless Bluetooth® world. The Vivanco AirConAction2 USB Dongle is the ultimate solution if you want to easily and quickly link your PC with Bluetooth®-compatible devices such as PDAs, mobile phones, printers, etc.

#### Characteristics:

- Newest Bluetooth® Version V2.0 with EDR ( Enhanced Data Rate )
- Data transmission rates of up to 3 Mbps ( 3x faster than BT 1.X )
- The included Bluetooth® software by TOSHIBA offers optimum support for all current BT profiles
- Real Bluetooth® Class 2 product with a range of up to 20 m
- Worldwide standardized 2.4 GHz radio standard
- High data security through encryption and authentication
- Wireless access to networks / the Internet without cable via Bluetooth® mobile phones or access points
- Incl. comfortable Bluetooth Management Software for managing the Bluetooth® PAN (Personal Area Network) and the communication between the Bluetooth® compatible devices
- Includes quick guide and extensive user manual on CD
- Packaging: blister

System requirements:

- Computer with USB 1.1/2.0 supp
- Microsoft® Windows® 2000, ME, XP or Vista



PC Performance



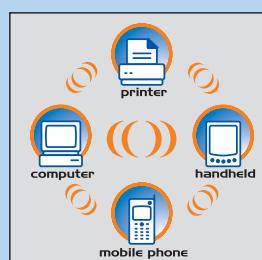
Bluetooth® Version 2.0

## What is Bluetooth® V 2.0 EDR?

**Bluetooth® V 2.0 Enhanced Data Rate is the current version of the Bluetooth® software standard.**

**The most important new feature: 3x quicker possible data exchange rate between BT 2.0 devices.**

**The 2.0 standard is fully compatible with older version 1.0, 1.1 and 1.2 devices.**



## Bluetooth classification

### Designation      Data transfer rate

Bluetooth V1.0 + V1.0B	max. 732.2 kBit/s
------------------------	-------------------

Bluetooth V1.1	max. 732.2 kBit/s
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Bluetooth V1.2	max. 732.2 kBit/s
----------------	-------------------

Bluetooth V2.0 + EDR	max. 2.1 Mbit/s
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## Easy Transfer Cable for Windows® Vista™

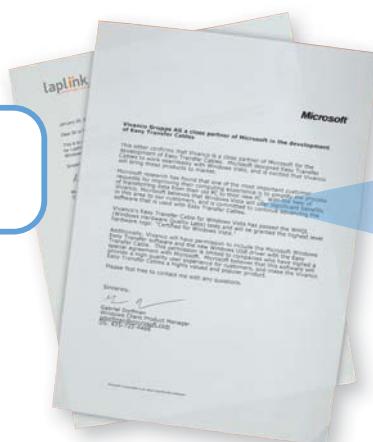


**Strong  
demand**

Edition: June 2007

40 million copies were sold since Windows® Vista™ was released. Microsoft® is convinced that Windows® Vista™ will be the new standard OS for PCs. The new operating system has been accepted by the users. The sales figures show a clear trend and have exceeded the expectations even now. Users accept Windows® Vista™ twice as fast than Windows® XP.

**Close  
partners**



This letter confirms  
that Vivanco is a  
close partner of  
Microsoft for the  
development of Easy  
Transfer Cables

**Strong  
appearance**



**Positioning and advantages  
on the P.O.P.**

- Ideal for positioning on pallets and promotion areas
- Positioning in a display box directly on the notebook or PC shelf
- Bundling with other products such as PC hardware, software, etc.
- Attractive and sophisticated packaging design
- Self explaining pictograms and extensive product description
- Your staff spends less time

RDC (Retail Display Carton)  
Flexible positioning in multiple locations on the P.O.P.

## Why would you need the Easy Transfer Cable for Windows® Vista™?

You bought yourself a new PC with Windows® Vista™!

**Question:**

How do I transfer all my data and personal settings from my old Windows® XP PC to my new Windows® Vista™ PC?

- Mage files
- Documents
- Contacts
- Music files
- Email accounts
- Program settings
- Movies
- News
- Internet favourites, etc.

**Answer:**

Vivanco has the solution. Use the Easy Transfer Cable for Windows® Vista™ to transfer all of your data and settings without having to spend time in burning a CD or to spend money for an external hard disk.

**The problem**

**The issue**

**The package includes:**



Easy Transfer Cable for Windows® Vista™



Insatllation software



Synchronisation software

**The advantages**

Features	Benefits
Only 3 steps for complete data transfer	→ High product satisfaction
Approved by Microsoft®	→ Ensures full compatibility with existing software
Full version of Laplink® PCsync software	→ After migration, the product can be used for other purposes such as networking or file synchronisation and thus offers the customer great added value

**PC Performance**

**USB2 WET LINK**

**Easy transfer cable for Windows® Vista™**

ctn qty. 5 EDP-No. 22269 **new**



- Transfers files and settings from Windows® XP to Windows® Vista™
- USB 2.0 link lead
- USB type A plug <-> USB type A plug
- High speed data transfer rate up to 480 Mbps
- Length: 2.4 m

System requirements:

- Windows® XP and Windows® Vista™
- Laplink®: Windows® 2000, XP and Windows® Vista™, 5 MB hard disk space

**Laplink PCsync**

- Synchronisation software with networking function
- File transfer and synchronisation
- Resolves file conflicts, edits or copies the file
- Unidirectional or bidirectional synchronisation
- Scheduled synchronisation
- Automatically synchronises your files, music, videos and much more



## USB

## Adapters

**new****USB SER-N**  
USB -> serial adapter

ctn qty. 5

EDP-No. 23425



## Features:

- Provides a full COM port
- USB to D-Sub 9 pin connector
- Supports all common RS-232 baud rates
- Fully UART-compatible
- Automatic USB protocol processing
- Suitable for all popular serial devices
- Cable length: 1.5 m
- Compatible with USB 1.1 / 1.0
- Package: blister

## System requirements:

- Computer compatible with USB 1.1 or higher
- Microsoft® Windows® 98SE, 2000, ME, XP or Vista

**new****USB PS/2-N**  
USB -> 2x PS/2 adapter

ctn qty. 5

EDP-No. 23426



Provides two completely compatible PS/2 connections on PCs or notebooks

- USB to PS/2 port converter
- For simultaneous operation of PS/2 keyboard and PS/2 mouse
- PS/2 keyboard and PS/2 mouse connect to one adapter
- Compatible with USB 1.1 / 1.0
- Supports Hot Plug & Play
- Supports multimedia functions of common keyboards
- Package: blister

## System requirements:

- Computer with USB support (USB 1.1 or higher)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 9.x+

**new****USB PAR-N**  
USB parallel adapter, USB to centronics

ctn qty. 5

EDP-No. 23427



Connects printer with Centronics port to USB port

- USB type A connector to Centronics 36 pin connector
- Supports standard PC parallel port applications
- Cable length: 1.8 m
- Compatible with USB 1.1 / 1.0
- Package: blister

## System requirements:

- Computer with USB support (USB 1.1 or higher)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 9.x+



## USB

## Adapters

### USB NET-N

USB network adapter, USB to RJ45, 1.8m

ctn qty. 5

EDP-No. 23428 **new**

This USB to Fast Ethernet adapter converts an USB port on a PC or notebook into a high-speed Ethernet port. Due to the USB high-speed technology Ethernet bandwidth of 100 Mbps can be supported.

- Full-speed USB standard, compatible with USB 1.1
- 10/100 Mbps Fast Ethernet controller
- Compatible with IEEE 802.3u 100 BASE-T, TX, and T4
- Supports full and half duplex modes
- Cable length: 1.8 m
- Package: blister

System requirements:

- Computer with USB support (USB required for 100 Mbps)
- Microsoft® Windows® 98SE, 2000, ME, XP, or Vista
- Nintendo® Wii®



## USB

## Connections

### USB LINK-N

USB link cable bidirectional data transfer, 1.8 m

ctn qty. 5

EDP-No. 23429 **new**

This product connects two computers via a USB interface to form a peer-to-peer network.

- For easy data transfer between 2 PCs
- Simple drag & drop file transfer
- Enables print functions for remote files
- Enables power management and Remote Wake-up functions
- High-speed data transfer rate of 4 Mbps up to 8 Mbps
- Dual data buffer supports bidirectional file transfer.
- Meets USB specification Rev. 1.0 / 1.1
- Package: blister

System requirements:

- Computer compatible with USB 1.1 or higher
- Microsoft® Windows® 98SE, 2000, ME or XP

PC Performance



## USB

## Connections

**new****USB N-LINK-N****USB link cable, bidirectional data transfer, 1.8m**

ctn qty. 5

EDP-No. 23430

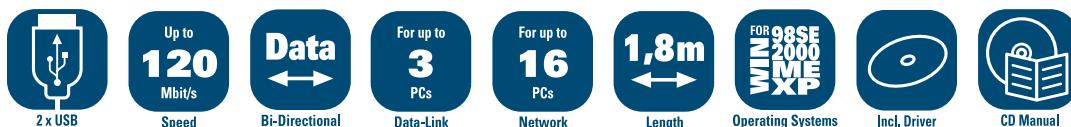


This product uses the high-speed USB 2.0 interface featuring up to 40 times faster transfer rates than USB 1.1! The "Data Link" function allows file sharing in a Peer-to-Peer network. The "Bridge Network" function provides a fast and easy solution for setting up a network with up to 17 computers.

- "Data Link" function using the standard Microsoft® Windows® Explorer GUI
- High-speed transfer rates of more than 15 MB/sec
- Network communication with only one cable
- Implementation of a USB network with up to 17 PCs
- Supports TCP/IP, NetBEUI, IPX/SPX protocols
- Advanced Power Management including Suspend/Resume and Remote Wake-up function
- Suitable for network gaming or shared use of files, printers, peripherals, etc.
- Cable length: 1.8 m
- Package: blister

System requirements:

- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME or XP

**new****USB2 EXT-N****Active USB 2.0 extension**

ctn qty. 5

EDP-No. 23424



Active USB 2.0 Extension, extends USB ports by 5 m

- Signal booster integrated in extension
- Maintains the USB 2.0 signal quality and ensures compliance with USB specifications
- Allows cable extensions of up to 24 m
- Supports low-speed, high-speed and full-speed devices
- Cable length: 5 m
- Package: blister

System requirements:

- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 10.1+



## USB

## Hubs

### USB2 HUB 7-N

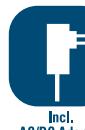
USB 2.0 hub "Compact" with 7 USB ports

Compact 7-port USB 2.0 hub for connecting up to seven USB 2.0 or USB 1.1 devices.  
With USB 2.0 cable and power pack.

- Elegant design with 5 USB ports at the front and 2 USB ports at the rear
- Supports data rates of up to 480 Mbps
- Meets USB specification Rev. 2.0, fully downward compatible with USB 1.X
- Suitable for all low-speed (1.5 Mbps), full-speed (12 Mbps) and high-speed (480 Mbps) USB devices
- With power supply 5 V, 3.5 A for devices with high power consumption such as USB hard disks
- Packaging: stackable blister

System requirements:

- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP and Vista or MAC OS 9.x+



### USB2 HUB 4A FLIP

USB 2.0 hub "Flip" with 4 USB ports

Compact 4-port USB 2.0 hub for connecting up to four USB 2.0 or USB 1.1 devices, with USB 2.0 cable and power supply.

- Elegant design with 3 USB ports at the (folding) front and 1 USB port at the rear
- Supports data rates of up to 480 Mbps
- Meets USB specification Rev. 2.0, fully downward compatible with USB 1.X
- Suitable for all low-speed (1.5 Mbps), full-speed (12 Mbps) and high-speed (480 Mbps) USB devices
- Including blue function LEDs
- With power supply 5V, 2A for devices with high power consumption such as USB hard disks
- Packaging: stackable blister

System requirements:

- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista, Linux or MAC OS 9.x+



PC Performance



## USB

## Hubs

**USB2 HUB 4A-N****USB 2.0 hub with 4 USB ports**

ctn qty. 5

EDP-No. 23442

Elegant 4-port USB 2.0 hub for connecting up to four USB 2.0 or USB 1.1 devices.  
With USB 2.0 cable and euro power pack.

- Elegant design with 4 USB ports
- 1 USB port suited for connecting bulky USB devices without blocking the other ports
- Supports data rates of up to 480 Mbps
- Meets USB specification Rev. 2.0, fully downward compatible with USB 1.x
- Suitable for all low-speed (1.5 Mbps), full-speed (12 Mbps) and high-speed (480 Mbps) USB devices
- Including function LEDs
- With power supply 5 V, 2A for devices with high power consumption such as USB hard disks
- Packaging: stackable blister

System requirements:

- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista, Linux or MAC OS 9.x+

**USB2 HUB 4P-A****USB 2.0 hub with 4 USB ports**

ctn qty. 5

EDP-No. 23442

USB 2.0 hub with two ports allowing 180° rotation  
USB 2.0 hub for up to 4 USB devices. For use with a PC or a notebook

- For USB devices with low power requirement (self-powered mode), e.g. USB mice and devices with their own power supply
- USB 2.0 chipset
- Compatible with USB 1.0 / 1.1
- Two ports that can be rotate by 180° to prevent the ports from being blocked by bulky USB devices
- Power supply socket for optional power supply
- 1.8 m USB lead
- Dimensions: 105 x 20 x 20 mm
- Function LED
- Packaging: blister
- System requirements:
- USB connection
- Windows® ME, 2000, XP, Vista, MAC OS 9.x+, Linux



## USB

## Hubs

### NBK USB4 HUB P

Notebook USB hub

4-port USB hub for mobile use

- USB 2.0 hub for up to 4 USB devices
- A power supply can be connected to operate USB devices with higher power consumption
- With USB cable
- Packaging: blister

System requirements:

- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 9.x+



### USB2 HUB 4P

ctn qty. 5 EDP-No. 23421

Passive USB 2.0 mini hub with 4 ports

Very compact 4 port USB 2.0 hub for connecting up to four USB 2.0 or USB 1.1. devices with low power consumption or own power supply

- Elegant design with 4 USB ports
- 1 USB port suited for connecting bulky USB devices without blocking the other ports
- Supports data rates of up to 480 Mbps
- Meets USB specification Rev. 2.0, fully downward compatible with USB 1.x
- Suitable for all low-speed (1.5 Mbps), full-speed (12 Mbps) and high-speed (480 Mbps) USB devices
- Including function LEDs
- Package: blister



System requirements:

- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 9.x+



PC Performance

### USB2 HUB CLI P

ctn qty. 10 EDP-No. 22444

USB2.0 hub "Clip", 4-port, with power supply

4-port USB 2.0 hub for connecting up to four USB 2.0 or USB 1.1 devices, with USB cable and power supply

- 480 Mbps, 40 times faster than USB 1.1
- Supports the following data rates: 480 Mbps, 12 Mbps and 1.5 Mbps
- Fully downward compatible with USB 1.1
- Hot-plug compatible: peripherals can be connected and disconnected at any time
- With power supply
- Packaging: cardboard



System requirements:

- Computer with USB support (preferably USB 2.0)
- Windows® 98, ME, 2000, XP or Vista



## USB

## Hubs

**PRO USB2 HUB 4P****Passive USB 2.0 hub with 4 ports**

ctn qty. 10

EDP-No. 22231

USB 2.0 hub for connection of up to 4 USB devices for application with a notebook or desktop PC

- For USB devices with low power consumption (self-powered mode)  
e.g. USB mice and devices with separate power supply
- Compatible with USB 1.0 / 1.1
- Practical recess for connector in the device
- System requirements: USB port, Windows 98SE, ME, 2000, XP or Vista, MAC OS 9.x+ and Linux
- Dimensions: only 95 x 30 x 14.5 mm
- Status LED
- Packaging: blister

System requirements:

- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 9.x+

**new B\_USB 2HUB 70A****bazoo 7 port USB hub, active QUAD**

ctn qty. 6

EDP-No. 23227

The bazoo QUAD - Hub is highlighted by its shape, colour and design, which makes it different from mainstream products. The unique bazoo USB-plug-design with integrated Power Indication Light additionally grades up the product.

- USB 2.0 is compatible with data rates of up to 480Mbps
- Equivalent to USB specifications Rev. 2.0, fully downwards compatible to USB 1.x
- Includes switch power unit 5V, 2.5A / input voltage 100V - 240V for all mains power types
- Cleverly arranged ports for all the required combinations of connections to prevent ports from being blocked by large USB devices:
  - 3 frontside ports
  - 2 ports on top of the hub
  - 2 ports on the backside
- Piano lacquer finish
- Rubber feet prevent slipping on the table
- blue function LED
- 1.8 m USB bazoo removable connection cable
- PIL (Power Indication Light) integrated in plug
- Exclusive bazoo plug connector design
- Plug connector with special coating which is pleasant to the touch
- Packaging: Stackable blister in sales display

System requirements:

- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista, Linux or Macintosh® OS 9.x



## USB

## Hubs

### B\_USB 2HUB 4GA

**bazoo 4 port USB hub, active GLOSSY**  
2x blue, 2x green and 2x orange

ctn qty. 6

EDP-No. 22870 **new**



GLOSSY USB design hub with 4 USB ports and connection cable with PIL\* technology.  
PlusX award winning design. In 3 colours: blue, orange, green.

Includes USB 2.0 connection cable with bazoo PIL\* plug connector design and switch power unit.

Also available in the corresponding colours:

### B\_USB 2HUB 4GA\_B

**USB design hub GLOSSY**  
6x blue

ctn qty. 6

EDP-No. 25707 **new**

### B\_USB 2HUB 4GA\_O

**USB design hub GLOSSY**  
6x orange

ctn qty. 6

EDP-No. 25708 **new**

### B\_USB 2HUB 4GA\_G

**USB design hub GLOSSY**  
6x green

ctn qty. 6

EDP-No. 25709 **new**

- USB 2.0 is compatible with data rates of up to 480Mbps
- Equivalent to USB specifications Rev. 2.0, fully downwards compatible to USB 1.x
- Includes switch power unit 5V, 2,0A / input voltage 100V - 240V for all mains power types
- Clever arrangement of all necessary connection combinations to prevent ports being blocked by large USB devices:
  - 3 ports on the sides of the hub
  - 1 port on the top of the hub
- Protective cap for the upper port
- 3 glossy metallic colours (special coating)
- Rubber feet prevent slipping on the table
- 1.8m removable USB 2.0 connection cable
- \*PIL (power indication light) integrated into the plug connector
- Exclusive bazoo plug connector design
- Plug connector with special coating which is pleasant to the touch
- Packaging: Stackable blister in sales display

#### System requirements:

- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista, Linux or Macintosh® OS 9.x



USB 2.0 CONNECTION

HIGH SPEED

USB PORT

PIL-TECHNOLOGY

CABLE LENGTH

POWER ADAPTER



PC Performance

## USB

## Hubs


**new B\_USB 2HUB 4TP**  
**bazoo 4 port USB hub, TRIPOD**

ctn qty. 6 EDP-No. 22868

The bazoo TRIPOD - Hub is highlighted by its shape, colour and design. The unique bazoo USB-plug-design with integrated Power Indication Light additionally grades up the product.



- USB 2.0 is compatible with data rates of up to 480Mbps
- Equivalent to USB specifications Rev. 2.0, fully downwards compatible to USB 1.x
- Clever arrangement of all necessary connection combinations to prevent ports being blocked by large USB devices:
  - 2 Ports on the sides of the hub
  - 2 ports on the top of the hub
- Protective cover for the upper ports
- Available in 3 trendy colours (blue, green, purple)
- Rubber feet prevent slipping on the table
- 1.8 m USB bazoo connection cable
- PIL (Power Indication Light) integrated in plug
- Exclusive bazoo plug connector design
- Plug with special rubber coated surface for better touch
- Packaging: Blister in sales display

## System requirements:

- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista, Linux or Macintosh® OS 9.x



## USB

## Interface

**new USB2 4P PCCe**  
**Express Card USB 2.0**

ctn qty. 5 EDP-No. 23485

This adapter complies with the Express Card 34 standard. It adds four USB 2.0 ports to your laptop. You can connect various USB devices, such as printers, scanners, keyboards, mice, MP3 players, card readers, external housings etc., to the adapter.



## Technical description

- 4 external downstream USB (type A) ports
- Downwards compatible with USB 1.1 and 1.0
- Compatible with EHCI and OHCI standard
- Express Card / 34 standard
- Supports data rates of up to 480 Mbps
- Supports Express Card Plug & Play standard
- Packaging: blister

## System requirements:

- Computer with Express Card slot 34mm
- Microsoft® Windows® 2000, XP, Server 2003, Vista



## USB

## Interface

### USB2 4P PCC

Cardbus -> USB 2.0 adapter with 4 USB ports

ctn qty. 5 EDP-No. 23493 **new**

This high-speed cardbus card provides 4 USB 2.0 standard interfaces. All USB devices and high-speed USB data rates are supported.

- 4 external downstream USB (type A) connections
- Supports data rates of up to 480 Mbit/s
- Complies with USB specifications Rev. 2.0, completely downwards compatible with USB 1.0 and 1.1
- Suitable for all low-speed (1.5 Mbit/s), full-speed (12 Mbit/s) and high-speed (480 Mbit/s) USB devices
- Compatible with CardBus "Plug & Play" standard
- Can be upgraded with an optional power unit (5V, 1.5A) for use of USB devices with an extremely high power requirement
- Packaging: blister



System requirements:

- Computer with 32 bit Cardbus / PCMCIA Type II slot
- Microsoft® Windows® 2000, XP, Server 2003, Vista



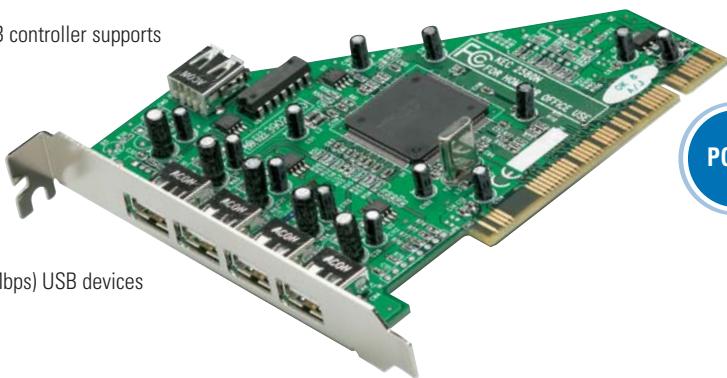
### IO 4+1 USB2

PCI -> USB 2.0 card 4+1 port

ctn qty. 5 EDP-No. 23418

The high-speed USB controller card provides a USB 2.0 standard interface. This USB controller supports all USB devices and high-speed USB data rates.

- Supports maximum data rates of 480 Mbps (40 times faster than USB 1.1)
- Meets USB specification Rev. 2.0
- Downward compatible with USB 1.1
- 4 external and 1 internal downstream (type A) ports
- Supports Plug & Play standard
- Package: blister
- Suitable for all low-speed (1.5 Mbps), full-speed (12 Mbps) and high-speed (480 Mbps) USB devices



PC Performance

System requirements:

- Computer with PCI slot rev. 2.2 or kompatibel
- Microsoft® Windows® 98SE, 2000, ME, XP or Vista



## USB

## Interface

**IO 2 USB2 GX-N**

PCI -&gt; USB 2.0 card with 2 USB ports

ctn qty. 5

EDP-No. 23417

This high-speed USB controller card provides interfaces according to the USB 2.0 standard.  
It supports all USB devices and high-speed USB data rates.

- 2 external downstream USB (type A) ports
- Supports data rates of up to 480 Mbps
- Meets USB specification Rev. 2.0, fully downward compatible with USB 1.X
- Suitable for all low-speed (1.5 Mbps), full-speed (12 Mbps) and high-speed (480 Mbps) USB devices
- Supports Plug & Play standard
- Packaging: cardboard box



## System requirements:

- Computer with PCI slot Rev. 2.2 or compatible
- Microsoft® Windows® 98SE, 2000, ME, XP or Vista



PCI Card



USB 2.0

Up to  
**480**  
Mbit/s  
Speed**2**  
PortFOR  
VISTAFOR  
98SE  
2000  
ME  
XP

Incl. Driver



CD Manual

**IO 2 USB2-N**

PCI -&gt; USB 2.0 card with USB ports

ctn qty. 5

EDP-No. 23420

This high-speed USB controller card provides interfaces according to the USB 2.0 standard.  
It supports all USB devices and high-speed USB data rates.

- 2 external downstream USB (type A) ports
- Supports data rates of up to 480 Mbps
- Meets USB specification Rev. 2.0, fully downward compatible with USB 1.X
- Suitable for all low-speed (1.5 Mbps), full-speed (12 Mbps) and high-speed (480 Mbps) USB devices
- Supports Plug & Play standard
- Packaging: blister



## System requirements:

- Computer with PCI slot Rev. 2.2 or compatible
- Microsoft® Windows® 98SE, 2000, ME, XP or Vista



PCI Card



USB 2.0

Up to  
**480**  
Mbit/s  
Speed**2**  
PortFOR  
VISTAFOR  
98SE  
2000  
ME  
XP

Incl. Driver



CD Manual

## IEEE 1394

## FireWire®, i-LINK®

### 1394a 2P PCCe

ctn qty. 5

EDP-No. 23486 **new**

Express Card IEEE 1394a, 2 FireWire ports + Magix Video Deluxe



This high speed Cardbus card provides interfaces according to the IEEE 1394 standard. It upgrades your laptop with two FireWire A ports to which you can connect FireWire devices, e.g. external housings, adapters etc.

- 2 external 6-pin IEEE 1394a ports (compatible with FireWire®, i-LINK)
- IEEE 1394 port data rate up to 400 Mbps
- FireWire A specification, data transfer rates of up to 400 Mbps
- Compatible with IEEE 1394-1995, 1394a-2000
- Compatible with OHCI specification 1.1
- Includes Magix Video Deluxe SE (2007), for details see page 63
- Supports Plug & Play standard
- Packaging: blister



System requirements:

- Computer with Express Card slot, 34mm
- Microsoft® Windows® 2000, XP, Server 2003, Vista



### PCC 3 1394-N

ctn qty. 5

EDP-No. 23432

PCI -> 3x IEEE 1394 ports



This high speed Cardbus card provides interfaces according to the IEEE 1394 standard.

- 3 external 6-pin IEEE 1394 ports (compatible with FireWire®, i-LINK)
- IEEE 1394 port data rate up to 400 Mbps
- Incl. IEEE 1394 6-pin to 4-pin cable
- With Magix Video Deluxe SE (2007), for details see page 63
- Supports Plug & Play standard
- Can be extended with an optional power supply (12V, >1A, 3.5 x 1.3 connectors, e.g. Vivanco 19573) for operating IEEE 1394 devices with high power requirements
- Packaging: blister



System requirements:

- Computer with 32-bit Cardbus / PCMCIA type II slot
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 10.1+



### IO 3 1394-N

ctn qty. 5

EDP-No. 23431

PCI -> 3 IEEE 1394 ports

PC Performance

This high speed PCI controller card provides interfaces according to the IEEE 1394 standard.

- 3 external 6-pin IEEE 1394 ports (compatible with FireWire®, i-LINK)
- IEEE 1394 port data rate up to 400 Mbps
- Incl. IEEE 1394 6-pin to 4-pin cable
- With Magix Video Deluxe SE (2007), for details see page 63
- Supports Plug & Play standard
- Molex connector for power infeed directly from the PC power supply
- Packaging: blister



System requirements:

- Computer with PCI slot Rev. 2.2 or compatible
- Microsoft® Windows® 98SE, 2000, ME, XP or Vista



## Interface &amp; IO

## IDE &amp; S-ATA

**new eSATA 2P PCCe**  
Express Card eSATA II

ctn qty. 5 EDP-No. 23484

This Express Card adapter is upgrading your Notebook by two eSATA II ports . It allows you to connect high speed devies e.g. external SATA harddisks.



- 2x eSATA II/I
- Fully compliant with ExpressCard Specification 1.0
- ExpressCard/34 Form Factor Module
- SATA II specification, data transfer rates of up to 3 Gbit/s (300 MByte/s)
- Downwards compatible with SATA I specification 1.5 Gbit/s (150 MByte/s)
- Compatible with SATA Port Multiplier (several SATA devices on one port)
- Compatible with Native Command Queuing (NCQ)
- Compatible with Plug & Play
- Packaging: Blister

## System requirements:

- Free 34mm Express Card slot
- Microsoft® Windows® 2000,XP, Server 2003, Vista 32/64 bit

**PCI UDMA 133-N**  
PCI -> UDMA 133 controller with RAID

ctn qty. 5 EDP-No. 23409

This High-Speed PCI Controller card provides two UDMA 133 RAID Interfaces.



- Supports RAID 0, RAID 1, RAID 0+1
- Maximum data rates of up to 133 MB/sec..
- Supports a maximum of 4 IDE/ATA devices
- Two independent Ultra ATA channels with 256 byte FIFO / channel
- Enhances data integrity of transferred data due to CRC protection and control
- Compatible with UDMA ATA/133 specifications
- Compatible with PCI rev. 2.2 specifications
- Package: blister

## System requirements:

- Computer with PCI slot rev. 2.2 or kompatibel
- Microsoft® Windows® 98SE, 2000, ME, NT, XP or Vista



## Interface & IO

## IDE & S-ATA

### PCI SATA 4R-N

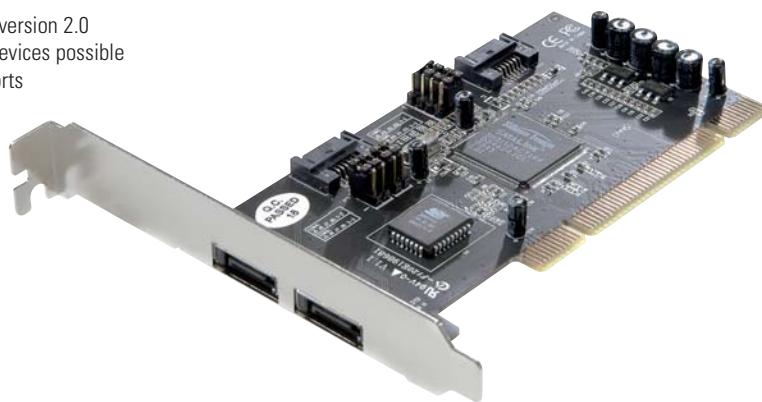
PCI -> 2x S-ATA RAID controller

This High-Speed PCI controller Card provides two S-ATA RAID Interfaces.

- Compatible with Serial ATA specification version 1.0 and PCI specification version 2.0
- Joint operation with Ultra ATA controller and connection of up to 2 SATA devices possible
- Up to 2 devices can be optionally connected to 2 external and 2 internal ports
- Supports the 32 bit wide PCI bus with 66 MHz and
- Data transfer rates up to 150 MB/sec (1.5 Gb/s)
- Dual independent DMA channels with 256 KB FIFO / channel
- Software RAID 0 (striped) and RAID 1 (mirrored) support.
- GUI system monitoring
- RAID Set information display/logging/warning
- Administration of RAID Set functions (configuration, restore, etc.)
- 2 SATA data cables and 2 SATA power cables included
- Package: blister

System requirements:

- Computer with PCI slot rev. 2.2 or kompatibel
- Microsoft® Windows® 98SE, 2000, ME, NT, XP or Vista



### E-SATA SLOT

Slot bracket with 2 external S-ATA ports

ctn qty. 5 EDP-No. 21552

This slot bracket is used to make S-ATA interfaces on the main board or on controller cards available to external S-ATA II / S-ATA I devices.

- 2 external S-ATA II input jacks
- Data transfer rates up to 300 MB/s
- Compatible with SATA I 150 MB/s
- 2x 50 cm S-ATA cable with L-type connectors
- Package: blister

System requirements:

- Computer with S-ATA interfaces on the main board or on controller cards
- A free space for slot brackets



PC Performance



## Wireless LAN

Internet in the whole house:

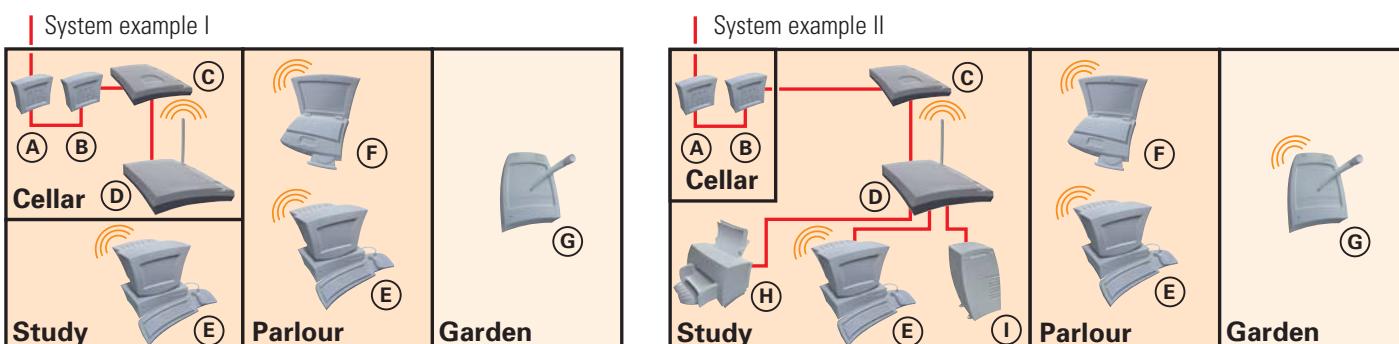
Online shopping.

Online banking

Media datenbank

The terms "WLAN" or "wireless LAN" refer to the technology and products needed to integrate computers, PDAs, smartphones, multimedia servers or games consoles into a local area network WITHOUT CABLES. Often it is not possible to install network cables in buildings, e.g. rented flats (see system example I).

WLAN is the solution to this problem: computers and WLAN compatible devices can be arranged throughout buildings fully flexibly. The devices are even connected to each other, with network printers, memory devices and the internet through walls. When using notebooks or PDA, freedom is unlimited and there are no longer any cables to limit mobility (see system example II).

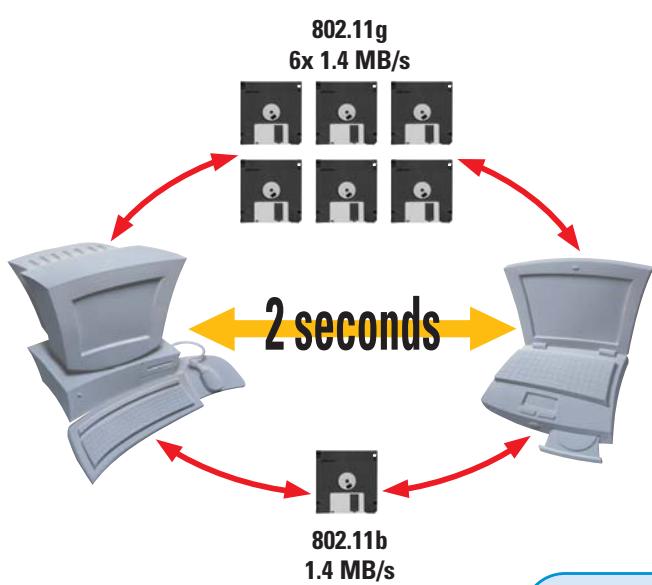


System example I

System example II

- (A) : Domestic telephone line
- (B) : Splitter
- (C) : DSL modem
- (D) : WLAN router
- (E) : Desktop PC with WLAN capability

- (F) : Notebook
- (G) : PDA/SMARTPHONE
- (Z) : Printer with PrintServer
- (I) : NAS = Network attached storage



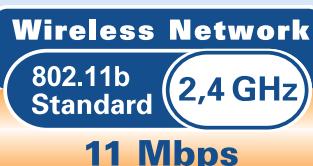
### Speed of WLAN networks:

All WLAN technology is based on the IEEE 802.11 standard.

There are currently 2 subordinated standards which defined the basic speeds for this 2.4 GHz radio technology.

The IEEE 802.11b standard provides a gross data transfer rate of up to 11 Mbps\* for which approximately up to 1.4 MBps\* can be transferred with the protocol technology. i.e. the content of a floppy disk per second. The IEEE 802.11g standard provides 54 Mbps\* gross data transfer rate of which only 27 Mbps is useable for data.

This is roughly equivalent to the content of 3 floppy disks per second.



IEEE 802.11b based networks are sufficient for occasional internet surfing with no major download requirement.

IEEE 802.11g based networks are sufficient for normal applications such as internet, e-mail or transmitting audio streams\*.

\*Mbps = million bits per seconds

\*MBps = million bytes per seconds; 8 Bit = 1 Byte;

\*Streams = simultaneous transfer and reproduction of media data

## Wireless LAN

**54 Mbps**

### WLAN USB 54-N

Wireless LAN USB adapter. 54 Mbps

ctn qty. 5

EDP-No. 23413

This extremely compact USB 2.0 to Wireless LAN adapter allows wireless communication between a desktop or notebook PC and other Wireless LAN devices. This adapter not only allows to set up a network but also provides access to the Internet via hotspots in public locations. Easy to operate applications for configuration, monitoring and diagnosis purposes are enclosed.

- IEEE 802.11b/g standard
- Compatible with 802.11b and 802.11g standard devices
- 64-/128-bit WEP and WPA encryption for data security
- Range: up to 100 m in buildings, up to 300 m out of doors (depends on ambient conditions)
- LED indicator for Link Status
- Dimensions: 77 x 26 x 12 mm
- Packaging: cardboard box

System requirements:

- Computer with USB support (USB 2.0 is required for max. data rates)
- Microsoft® Windows® 98SE, 2000, ME, XP or Vista



### WLAN PCI 54-N

Wireless LAN PCI card. 54 Mbps

ctn qty. 5

EDP-No. 23415

This Wireless LAN PCI card allows wireless communication with highest data rates.

The 802.11b/g standard supports data rates of up to 54 Mbps.

Set up a network without routing any cables or allow your PC to access the Internet by wireless link to a WLAN router for example. Easy to operate applications for configuration, monitoring and diagnosis purposes are enclosed.

- IEEE 802.11b/g standard
- Compatible with 802.11b and 802.11g standard devices
- 64- / 128-bit WEP and WPA encryption for data security
- Range: up to 100 m in buildings, up to 300 m out of doors (depends on ambient conditions)
- LED indicator for Power and Link Status
- Packaging: cardboard box

System requirements:

- Computer with PCI slot Rev. 2.2 or compatible
- Microsoft® Windows® 98SE, 2000, ME, XP or Vista

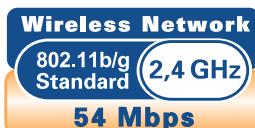


PC Performance



## Wireless LAN

54 Mbps



## WLAN PCC 54-N

Wireless LAN Cardbus adapter, 54 Mbps

ctn qty. 5

EDP-No. 23416

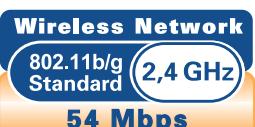
This Cardbus Wireless LAN adapter allows wireless communication with highest data rates. The 802.11b/g standard supports data rates of up to 54 Mbps. This adapter not only allows to set up a network but also provides access to the Internet via hotspots in public locations. Comes with easy to operate applications for configuration, monitoring and diagnosis purposes.



- IEEE 802.11b/g standard
- Compatible with 802.11b and 802.11g standard devices
- 64-/128-bit WEP and WPA encryption for data security
- Range: up to 100 m in buildings, up to 300 m out of doors (depends on ambient conditions)
- LED indicator for Power and Link Status
- Packaging: cardboard box

## System requirements:

- Computer with 32-bit Cardbus / PCMCIA type II slot
- Microsoft® Windows® 98SE, 2000, ME, XP or Vista



## new WLAN ROUT 54-N

Wireless LAN 4-port router, 54 Mbps

ctn qty. 5

EDP-No. 23414



## Typical applications:

- Several PCs share a fast broadband internet connection via cable or wireless

- Joint usage of printers, scanners or storage media

- Online games and eCommerce

- Firewall function for more security and protection against hackers

Characteristics:

- Supports the PPPoE and PPTP protocol for ADSL
- Supports NAT; one single IP address for all network members
- Supports 64/128 bit WEP encryption, WPA security, MAC filtering, pakket filtering
- 10/100 Mbps data rate via the LAN switch
- Data rates of up to 54 Mbps via the WLAN Access Point
- DHCP server and client / virtual server mapping / DNS
- Firmware can be updated for later enhancements
- Quick start with Installation Wizard
- Easy configuration with web browser
- Packaging: cardboard box

System requirements:

- PC with Ethernet interface and web browser for router configuration and administration



## Wireless LAN

**54 Mbps**

This integrated router forms the centrepiece of a wired / wireless network.

It combines Internet Gateway and Wireless LAN Access Point with a 4 port 10/100 Ethernet switch.

It has been conceived for home and office use and facilitates joint use of an internet connection, data memories or printers in a flexible network.

This product does not just provide several different features but makes initialisation and configuration possible in minutes.

The network and joint use of the internet can generate real savings.



## Network

## Interface

### NET 1000 PCCe

Express Card ethernet adapter, 10/100/1000 Mbit/s

ctn qty. 5

EDP-No. 23483 **new**

The Express Card provides you with a network connections with a transfer rate of up to 1000Mbit/s.  
This adapter complies with the Express Card / 34 standard.

- 1x gigabit LAN
- Connector type RJ45, CAT-5
- Data transfer rates of 10/100/1000 Mbps
- Fully duplex compatible
- Compatible with WOL (Wake On LAN)
- IEEE 802.3, 802.3u & 802.3ab standard
- ExpressCard/34 Form Factor Module
- Plug & Play
- Packaging: blister

System requirements:

- Compatible with PCI 2.1 and 2.2 specifications
- Microsoft® Windows® XP, 2000, Server 2003 or Vista

PC Performance



## Network

## Interface

**NET 1000 PCC-N**

PCI -&gt; 10/100/1000 Mbps Ethernet Card

ctn qty. 5

EDP-No. 23404

This 10/100/1000 Mbps Cardbus provides Gigabit-Technology for cabled networks. This technology is ideal to accelerate datatransfer e.g. for videoconferences or other uses with high data volume.



- For all networks compliant with the Ethernet (max. 10 Mbps), Fast Ethernet (100 Mbps) or Gigabit Ethernet (1000 Mbps) standards
- PC card compliant with the Cardbus standard
- External adapter, fits every notebook with Cardbus (PC Card) slot
- Auto-sensing TripleSpeed 10, 100 or 1000 Mbps card
- Full duplex (20/200/2000 Mbps)
- STP connector can be connected/disconnected while network is online
- Package: blister

System requirements:

- Computer with 32 bit Cardbus / PCMCIA Typ II slot
- Microsoft® Windows® 98SE, 2000, ME, NT, XP or Vista



Cardbus



Fast Ethernet



Fast Ethernet



Full Duplex



RJ45



Function LED



Operating Systems



Operating Systems



Incl. Driver



CD Manual

**NET 100 PCC-N**

PCI -&gt; 10/100 Mbps Ethernet Card

ctn qty. 5

EDP-No. 23405

This 10/100 Fast Ethernet Cardbus provides to connect notebook or PC to cable networks, respectively replaced defect or slowly network connections.

- For all networks compliant with the Ethernet (max. 10 Mbps) or Fast Ethernet (100 Mbps) standards
- PC card compliant with the Cardbus standard
- External adapter, fits every notebook with Cardbus (PC Card) slot
- Auto-sensing DualSpeed 10 or 100 Mbps card
- Full duplex (20/200/2000 Mbps)
- STP connector can be connected/disconnected while network is online
- Package: blister

System requirements:

- Computer with 32 bit Cardbus / PCMCIA Typ II slot
- Microsoft® Windows® 95, Novell, Linux and later



Cardbus



Fast Ethernet



Full Duplex



RJ45



Function LED



Operating Systems



Operating Systems



Incl. Driver



CD Manual

## Network

## Interface

### NET 1000 PCI-N

PCI -> 10/100/1000 Mbps Ethernet Card

This 10/100/1000 Mbps Gigabit Ethernet PCI card offers cutting-edge technology for wired networks. It is ideal if you wish to boost data transfer speed, e.g. for video conferencing or other applications with large data volumes.

- IEEE 802.3, 802.3u & 802.3ab standard
- Fully compatible with existing 10/100 Mbps networks
- RJ45 port with automatic detection of 10 Mbps / 100 Mbps Fast / 1000 Mbps Gigabit Ethernet
- RJ45 port supports auto-uplink (MDI-II / MDI-X) for all three speeds
- Full duplex (20/200/2000 Mbps)
- Supports IEEE 802.1Q VLAN
- Supports PCI 2.2 Wake-On-Lan power management
- LEDs on the bracket indicate the network status
- Package: blister

System requirements:

- Compatible with PCI 2.1 and 2.2 specifications
- Microsoft® Windows® 98 SE, 2000, ME, XP or Vista



PCI Card



Fast Ethernet



Fast Ethernet



Full Duplex



Wake on LAN



RJ45



Operating Systems



Operating Systems



Incl. Driver



CD Manual

### NET 100 GX PCI-N

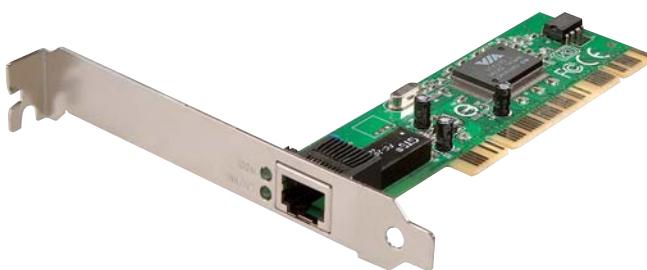
PCI -> 10/100 Mbps Ethernet Card

This 10/100 Fast Ethernet PCI card lets you link your PC to a network or replaces defective or legacy 10 Mbps adapters.

- For all networks compliant with the Fast Ethernet (100 Mbps) or Ethernet (max. 10 Mbps) standards
- IEEE 802.3, 10BASE-T & IEEE 802.3u 100Base-TX compatible
- Full duplex (20/200/2000 Mbps)
- RJ45 UTP (up to 10 Mbps only) or STP (100 Mbps) connection
- Supports PCI 2.2 Wake-On-Lan power management
- LEDs on the bracket indicate the network status
- Easy installation even for beginners due to P&P
- Package: cardboard box

System requirements:

- Computer with PCI slot Rev. 2.2 or compatible
- Microsoft® Windows® 98 SE, 2000, ME, XP, Vista



PCI Card



Fast Ethernet



RJ45



Function LED



Operating Systems



Operating Systems



Incl. Driver



CD Manual

## Network

## Interface

**NET 100 PCI-N**

PCI -&gt; 10/100 Mbps Ethernet Card

ctn qty. 5

EDP-No. 23411

This 10/100 Fast Ethernet PCI card lets you link your PC to a cable network or can be used to replace defective or 10 Mbps adapters.



- For all networks compliant with the Fast Ethernet (100 Mbps) or Ethernet (max. 10 Mbps) standards
- IEEE 802.3, 10BASE-T & IEEE 802.3u 100Base-TX compatible
- Full duplex (20/200/2000 Mbps)
- RJ45 port
- LEDs on the bracket indicate the network status
- Easy installation even for PC novices due to P&P
- Packaging: blister

## System requirements:

- Computer with PCI slot Rev. 2.2 or compatible
- Microsoft® Windows® 98 SE, 2000, ME, XP, Vista



PCI Card

Up to 10/100 Mbit/s  
Fast Ethernet

RJ45



Function LED

FOR WIN VISTA  
Operating SystemsFOR 98SE  
2000  
ME  
XP  
Operating Systems

Incl. Driver



CD Manual

## Why gigabit networks?

**For Ethernet networks, i.e. networks which are connected by twisted pair cables, two different speed levels are defined, 10 Mbps technology hardly figures anymore. 100 Mbps technology is already widespread and sufficient for most applications.**

**If extremely fast connections are required, 1000 Mbps or gigabit Ethernet technology can be used. It is important to note that all components, i.e. network cards, switches, routers and cables, have to be gigabit compatible.**

**Cables must correspond to at least CAT 5e.**

**Mbps = Mega Bits per second**

## Network

## Switches

### NET 100 SW5-N

10/100Mbps Ethernet switch with 5 ports

Fast Ethernet Switch for establishing a star topology network of up to 5 network members such as PCs, print servers or NAS.

- For all 10/100 Mbps networks
- Standards: IEEE 802.3 (10Base-T), 802.3u (100Base-TX) and 802.3x (full duplex flow control)
- 5 RJ45 ports with auto-uplink
- Automatic detection of 100 Mbps or 10 Mbps data rates
- Supports full duplex (20/200 Mbps) and half duplex (10/100 Mbps) modes
- Network status indication by LEDs
- Dimensions: 125 x 70 x 30 mm
- With magnetic feet for fastening on the PC case, for example
- Packaging: blister

System requirements:

- Existing Ethernet network with 10/100 Mbps

ctn qty. 5

EDP-No. 23407



RJ45



Fast Ethernet



Auto  
Uplink



5  
Port



Incl.  
AC/DC Adapter



LED



FOR  
WIN  
VISTA



FOR  
98SE  
2000  
ME  
XP



FOR  
LINUX  
2.6.  
X.Y.



FOR  
MAC  
OS X  
+



CD Manual

### NET 100 SW8-N

10/100Mbps Ethernet switch with 8 ports

ctn qty. 5

EDP-No. 23408

Fast Ethernet Switch for establishing a star topology network of up to 8 network members such as PCs, print servers or NAS.

- For all 10/100 Mbps networks
- Standards: IEEE 802.3 (10Base-T), 802.3u (100Base-TX) and 802.3x (full duplex flow control)
- 8 RJ45 ports with auto-uplink
- Automatic detection of 100 Mbps or 10 Mbps data rates
- Supports full duplex (20/200 Mbps) and half duplex (10/100 Mbps) modes
- Network status indication by LEDs
- Dimensions: 125 x 70 x 30 mm
- With magnetic feet for fastening on the PC case, for example
- Packaging: cardboard

System requirements:

- Existing Ethernet 10/100 Mbps network

PC Performance



RJ45



Fast Ethernet



Auto  
Uplink



8  
Port



Incl.  
AC/DC Adapter



LED



FOR  
WIN  
VISTA



FOR  
98SE  
2000  
ME  
XP



FOR  
LINUX  
2.6.  
X.Y.



FOR  
MAC  
OS X  
+



CD Manual

## Card Readers

### RW 38-1 U2 P

**USB 2.0 -> 38-in-1 Memory Card Reader**

Packaging: cardboard box

ctn qty. 5

EDP-No. 22443

### RW 38-1 USB2-N

**USB 2.0 -> 56 in 1 Memory Card Reader**

Packaging: blister

ctn qty. 5

EDP-No. 23454

Compact 56-in-1 card reader for reading and writing memory cards. Supports the highest read and write rates due to the fast USB 2.0 (interface supports up to 480 Mbps). The memory card reader is equipped with a particularly high number of individual card slots, so that all storage media can be used directly WITHOUT an adapter.



- 4 combined card slots for memory cards of the following types:

CF-Slot: CompactFlash™ Typ I, CompactFlash™ Typ II, MicroDrive, embedded MicroDrive, HS CompactFlash™, CF-Platinum, CF-Professional, CF-PRO, CF1, CF2, EXTREME CF, EXTREME 3 CF, ULTRA 2 CF, HS CF, XS CF, CF PRO, CF ELITE PRO, CF PRO 2, MD, HITACHI MD, MAGICSTOR

SD-Slot: SD, MINI-SD, SD-HS, SD-Mobile, MMC, MMC+, MMC-HS, RS MMC, RS MMC+, RS MMC DV, MMC-Mobile, TransFlash, micro SD, C-Flash, SD, MINI SD\*, HS MINI SD\*, EXTREME SE, EXTREME 3 SD, ULTRA 2 SD, SD-ULTRA-X, ULTRA SPEED SD, SD PRO, SD ELITE PRO, HS SD, MMC, HS MMC, HS RS MMC\*/RS MMC\*, DV-RS MMC\*, SDHC, T-Flash\*

MS-Slot: MS, MS PRO, MS DUO, MS PRO DUO, MS MagicGate, MS PRO MagicGate, MS DUO MagicGate, MS PRO DUO MagicGate, MS Select, MS-ROM, MS, MS PRO, MS DUO, MS PRO DUO\*, MS MG PRO, MS MG, MS MG DUO\*, MS MG PRO DUO\*, EXTREME MS PRO, EXTREME 3 MS PRO, ULTRA 2 MS PRO, HS MS MG PRO, HS MS MG PRO DUO\*, HS MS PRO, HS MS PRO DUO\*, MS ROM, MS SELECT, MS Pro HG, MS Pro HG DUO\*

other: MMC Micro, SM, SM-ROM, XD, XD(M), XD(H), SSFDC, xD

\* adapter required

- Power is supplied via USB connection

System requirements:

- Computer with USB support (for max. data rates USB 2.0 is required)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 10+



### NBK USB SD/MMC

**Notebook card reader**

**For miniSD/SD/MMC/RS-MMC memory cards**

ctn qty. 5

EDP-No. 23243

Compact USB2.0 card reader for reading from/writing to memory cards

- For SD/miniSD and MMC/RS-MMC memory cards, also high capacity cards
- USB plug hides inside the reader for safe transport
- Special surface coating for enhanced grip



## Case Components, CPU Coolers

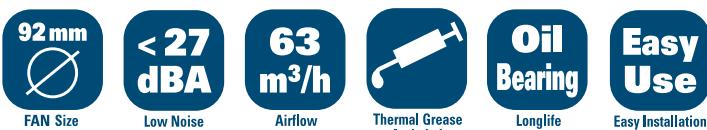
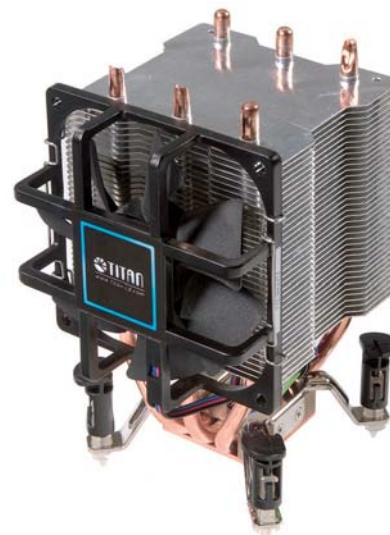
### CPU COOL PIPE

ctn qty. 5 EDP-No. 23440

Universal heatpipe cooler for the latest generation of AMD and Intel CPUs

High-performance CPU cooler with heatpipe technology for all the latest AMD and Intel processors:  
AMD\* Athlon 64 (socket 754, 939, 940, 940 AM2) up to AMD FX 62, Intel\* socket 775 (Intel Celeron,  
Intel P4, Intel D (Dual Core), Core 2 Duo, Core 2 Quad, Core 2 Extreme)

- Heat sink with copper core
- Super silent 92 mm fan
- With high performance liquid bearings (Z-axis bearing)
- With fastening material for different series
- With thermal compound
- Fixed speed: 2200 rpm
- Air flow: max. 63.12 m<sup>3</sup>/h
- Noise level: < 26.9 dBA
- Packaging: blister



## Case Components, Graphics Card Cooler

### VGA COOL PIPE

ctn qty. 5 EDP-No. 23448

Universal heatpipe graphics card cooler for current GPUs

Powerful universal graphics card GPU cooler with heatpipe technology  
for current graphics cards with ATI and Nvidia Geforce chipsets.

- Heat sink with copper core
- Two super silent 70 mm fans
- With high performance liquid bearings (Z-axis bearing)
- With fastening material for different series
- With thermal compound
- Fixed speed: 2000 rpm
- Air flow: max. 52.7 m<sup>3</sup>/h
- Noise level: < 26.2 dBA
- Packaging: blister



PC Performance

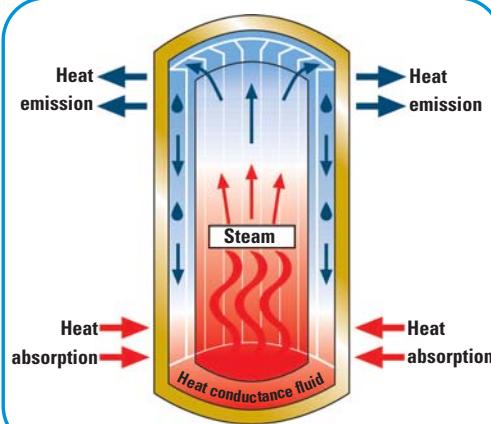


### Heatpipe

designates a new effective and powerful heat transfer system for the IT sector.  
A heatpipe can dissipate heat 100 times faster than a copper heat sink and 200 times  
faster than an aluminium heat sink.

#### Function principle:

- The end of the copper heatpipe coming into contact with the CPU picks up the heat. The transfer medium inside the pipe starts to boil (the vacuum in a heatpipe results in a very low boiling point of the medium)
- The resulting vapour moves to the other end of the heatpipe. The vapourised medium condenses and turns liquid when it comes into contact with a cold source.
- The wick (capillaries on the heatpipe inside) picks up the coolant and transports it back to the initial point using capillary force. A closed circuit is thus formed.



## Case Components, CPU Coolers



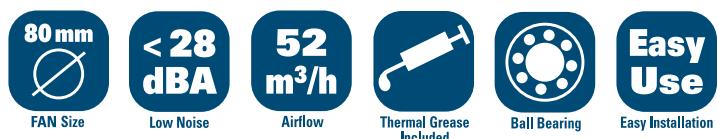
### CPU Cool K7-N

CPU cooler for AMD socket A (462) to 2.2 GHz

ctn qty. 5 EDP-No. 23436

CPU cooler for AMD processors with socket A (462), e.g. AMD Duron, Athlon (XP) A B C, Sempron. Extra-strong cooler for modern high-performance processors with a frequency of up to 2200 MHz.

- Cooler block with copper core
- High-performance cooler 80 mm ball bearing mounted (3 pin Molex plug)
- Including heat-conducting paste and all the necessary accessories
- Fixed speed: 2350 rpm
- Throughput of air: max. 52 m<sup>3</sup>/h
- Noise level: < 28 dB
- Package: blister



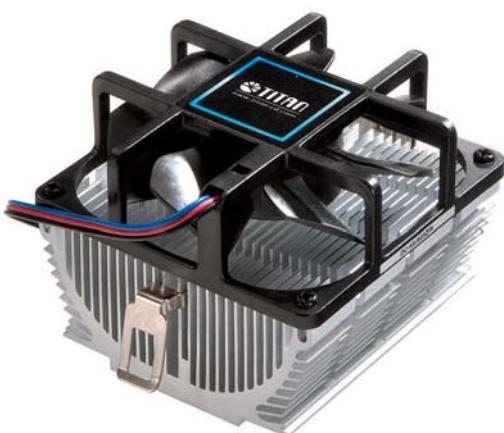
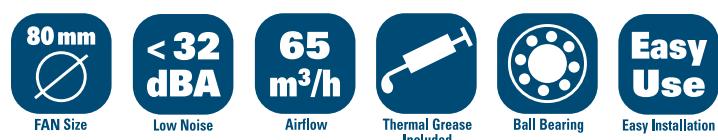
### CPU Cool IP478

CPU cooler for Intel P4 socket 478 up to 2.8 GHz

ctn qty. 5 EDP-No. 23437

CPU cooler for socket 478 P4 CPUs, e.g. Intel P4, Celeron\*. Extra powerful cooler for current high-performance CPUs up to 2800 MHz clock frequency.

- Aluminium block
- High-performance 80 mm fan with ball bearing (3-pin Molex plug)
- With thermal compound and all required accessories
- Fixed speed: 3000 rpm
- Air flow: max. 65 m<sup>3</sup>/h
- Noise level: < 32 dB
- Packaging: blister



### CPU COOL K8

CPU cooler for AMD K8 (socket 754, 939, 940AM2)\*

ctn qty. 5 EDP-No. 23438

Extra powerful CPU cooler for current AMD K8 high-performance CPUs\*: AMD Athlon 64 (socket 754, 939, 940 AM2 without Dual Core) and Sempron (socket 754), Athlon 64 FX-51, FX-53 (socket 939, 940), Athlon 64 X2 up to 4200+

- Powerful heatsink
- Super silent 80 mm fan
- With high performance liquid bearings (Z-axis bearing)
- With thermal compound and all required accessories
- Fixed speed: 2000 rpm
- Air flow: max. 42.73 m<sup>3</sup>/h
- Noise level: < 22.5 dBA
- Packaging: blister



\* To find the right Vivanco CPU cooler, use the compatibility list in the present catalogue on pages 85 to 87!

## Case Components, CPU Coolers

### CPU COOL IP 775

ctn qty. 5 EDP-No. 23439

CPU cooler for Intel socket 775:

Intel P4, all Celeron D-J, all Core 2 Duo, Core 2 extreme X6800 \*

Extra powerful processor cooler for current Intel high-performance CPUs\*: Intel P4 E 3.20F / 520 / 530 / 540 / 550 (PRB=0 / 620 / 630 / 640, all Celeron D-J, all Core 2 Duo, Core 2 extreme X6800\*)

- Powerful heatsink
- Super silent 92 mm fan
- With high performance liquid bearings (Z-axis bearing)
- With thermal compound and all required accessories
- Adjustable speed: 1600 – 2000 rpm
- Air flow: max. 84.0 m<sup>3</sup>/h
- Noise level: < 22 dBA
- Packaging: blister



92 mm  
Fan Size



< 22 dBA  
Low Noise



84 m<sup>3</sup>/h  
Airflow



Thermal Grease  
Included



Oil  
Bearing



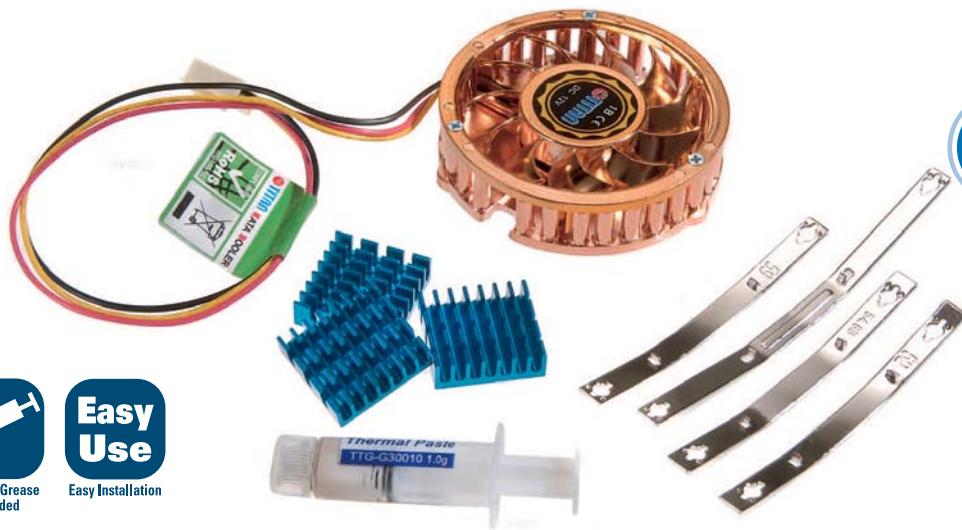
Easy  
Use

### VGA COOL

ctn qty. 5 EDP-No. 23441

Universal graphics card GPU cooler for current graphics cards  
with ATI and Nvidia Geforce chipsets.

- High-performance heat sink with copper core
- Super silent 50 mm fan with ball bearing
- With fastening material for different series
- With 8 self-adhesive aluminium heatsinks (e.g. for graphics card memory modules)
- With thermal compound
- Fixed speed: 4500 rpm
- Air flow: max. 17.43 m<sup>3</sup>/h
- Noise level: < 23 dBA
- Packaging: blister



VGA  
Cooler



Uni-  
versal  
Use



Memory  
Cooler



Thermal Grease  
Included



Easy  
Use

## Case Components, CPU Coolers



**Heat Paste**  
Thermal Compound , 3 g

ctn qty. 5 EDP-No. 23451

Vivanco's HEATPASTE thermal paste is produced using an outstanding nano technology-based manufacturing technique and thus ideally suited for balancing out any unevenness between CPUs and heat sinks. The nano grease can also be used on graphic cards for better thermal conductivity between the GPU (graphic processor unit) and the heat sink.

- High thermal conductivity
- Ideally suited for use on CPUs and GPUs
- Thermal Conductivity 4.5 W/m-K
- Thermal Impedance 0.205°C-in<sup>2</sup>/W
- Operation Temperature -50 ~ 240°C
- Net weight: 3g
- With spatula for spreading the thermal paste
- Silicone Compounds 50%
- Carbon Compounds 30%
- Metal Oxide Compounds 20%



Thermal Grease

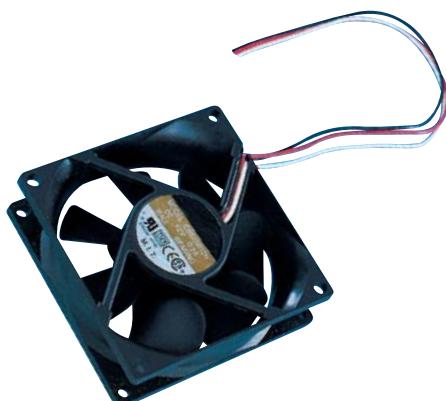


Easy Use



Temperature Range

## Case Components, Case Fans



**CHASSIS COOL**  
Universal case fan

ctn qty. 5 EDP-No. 23435

- Universal size
- Low noise
- Aerodynamically optimised
- Dimensions: 80 x 80 x 25 mm
- Installation requires basic knowledge of electrics
- Also suited for other applications
- Package: blister



FAN Size



< 23  
dBA



12  
Volt



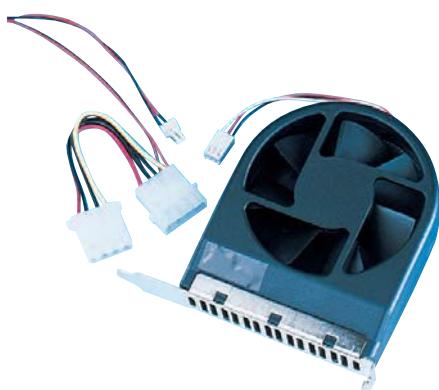
Incl.  
Power Adapter



Screws Included



Easy  
Installation



**SLOT COOL**  
Case cooler for slot installation

ctn qty. 5 EDP-No. 23434

- Improves ventilation and cooling in crammed PC cases
- For installation in an empty slot on the PC rear
- Also suitable as additional fan for graphics adapters
- Integrated air duct
- Aerodynamically optimised
- Package: blister



ISA/PCI Slot



< 28  
dBA



12  
Volt



Incl.  
Power Adapter



Easy  
Installation

## List of compatibility for Intel PIII and P4

Socket	Code name	CPU	Intel PIII		Page 82	EDV.Nr. 23436 CPU COOL K7-N	Page 82	EDP-No. 23437 CPU COOL IP 478	Page 82	EDV.Nr. 23438 CPU COOL K8	Page 83	EDP-No. 23439 CPU COOL IP 775	Page 81	EDP-No. 23440 CPU COOL HEATP
			Frequency	Systembus (FSB)										
370	Mendocino	Intel Celeron	233 ~ 533 MHz	66 MHz	X									
370	Coppermine	Intel Celeron	533A ~ 766 MHz	66 MHz	X									
370	Coppermine	Intel Celeron	800 ~ 1100 MHz	100 MHz	X									
370	Coppermine	Intel PIII E	500 ~ 1100 MHz	100 MHz	X									
370	Coppermine	Intel PIII EB	533 ~ 1133 MHz	133 MHz	X									
370	Tualatin	Intel Celeron	1000 ~ 1400 MHz	100 MHz	X									
370	Tualatin	Intel PIII	1000 ~ 1333 MHz	133 MHz	X									
370	Tualatin	Intel PIII-S	1133 ~ 1400 MHz	133 MHz	X									
Intel P4														
Socket	Code name	CPU	Frequency	Systembus (FSB)	Page 82	Page 82	Page 82	Page 82	Page 83	Page 83	Page 81			
478	Willamette	Intel Celeron (420-540)	1600 ~ 2000 MHz	800 MHz		X				X	X			
478	Willamette	Intel P4 no HT	1700 ~ 2000 MHz	400 MHz (4x 100 MHz)		X								
478	Northwood	Intel P4 no HT	1800 ~ 2600 MHz	400 MHz (4x 100 MHz)		X								
478	Northwood	Intel P4 no HT	2266 ~ 2800 MHz	533 MHz (4x 133 MHz)		X								
775	Gallatin	Intel P4 EE 3.4G	3400 MHz	800 MHz							X	X		
775	Gallatin	Intel P4 EE 3.6G	3600 MHz	1066 MHz							X	X		
775	Prescott	Intel P4 EE 3.73G	3700 MHz	1066 MHz							X	X		
775	Smithfield	Intel P4 EE 840	3200 MHz	1066 MHz								X		
775	Presler	Intel P4 EE 955	3400 MHz	1066 MHz								X		
775	Presler	Intel P4 EE 965	3700 MHz	1066 MHz								X		
775	Prescott	Intel P4 E (3.20F) *PRB=0	3200 MHz	800 MHz								X	X	
775	Prescott	Intel P4 E (3.40F, 3.60F, 3.80F) *PRB=1	3400 ~ 3800 MHz	800 MHz								X	X	
775	Prescott	Intel P4 E (520/530/540/550) *PRB=0	2800 ~ 3400 MHz	800 MHz (4x 200 MHZ)								X	X	
775	Prescott	Intel P4 E (550/560/570) *PRB=1	3400 ~ 3800 MHz	800 MHz (4x 200 MHZ)								X	X	
775	Prescott	Intel P4 E (620/630/640)	2800 ~ 3200 MHz	800 MHz (4x 200 MHZ)								X	X	
775	Prescott	Intel P4 E (650/660/670/672)	3400 ~ 3800 MHz	800 MHz (4x 200 MHZ)								X	X	
775	Prescott	Intel Celeron D-J (325J/330J/335J/340J)	2530 ~ 2930 MHz	533 MHz								X	X	
775	Prescott	Intel Celeron D-J (345J)	3060 MHz	533 MHz								X	X	
775	Prescott	Intel Celeron D-J (350J)	3200 MHz	533 MHz								X	X	
775		Intel Celeron Dual Core E1200	1600 MHz	800 MHz								X	X	
775	Dual core	Intel Pentium D 805	2600 MHz	533 MHz								X	X	
775	Dual core	Intel Pentium D 820	2800 MHz	800 MHz								X	X	
775	Dual core	Intel Pentium D 830	3000 MHz	800 MHz									X	
775	Dual core	Intel Pentium D 840	3200 MHz	800 MHz									X	
775	Dual core	Intel Pentium D 915	2800 MHz	800 MHz								X	X	
775	Dual core	Intel Pentium D 920	2800 MHz	800 MHz								X	X	
775	Dual core	Intel Pentium D 930/D935	3000/3200 MHz	800 MHz								X	X	
775	Dual core	Intel Pentium D 940 (nicht 130W)	3200 MHz	800 MHz								X	X	
775	Dual core	Intel Pentium D 945	3400 MHz	800 MHz								X	X	
775	Dual core	Intel Pentium D 950 (nicht 130W)	3400 MHz	800 MHz								X	X	
775	Dual core	Intel Pentium D 960 (nicht 130W)	3600 MHz	800 MHz								X	X	
775	Dual core	E2140 - E2200	1600 ~ 2000 MHz	800 MHz								X	X	
775	Core 2 Duo	E4300/ E4400/ E4500	1800 ~ 2200 MHz	1066 MHz								X	X	
775	Core 2 Duo	E6300 / E6320	1866 MHz	1066 MHz								X	X	
775	Core 2 Duo	E6400 / E6420	2133 MHz	1066 MHz								X	X	
775	Core 2 Duo	E6540 / E6550	2333 MHz	1333 MHz								X		
775	Core 2 Duo	E6600	2400 MHz	1066 MHz								X	X	
775	Core 2 Duo	E6700	2667 MHz	1066 MHz								X		
775	Core 2 Duo	E6750 - E8500	2667 ~ 3167 MHz	1333 MHz								X		
775	Core 2 Quad	Q6600	2400 MHz	1066 MHz								X	X	
775	Core 2 Quad	Q6700	2667 MHz	1066 MHz								X	X	
775	Core 2 Quad	Quad Q9300	2500 MHz	1333 MHz								X		
775	Core 2 Quad	Quad Q9450	2667 MHz	1333 MHz								X		
775	Core 2 Quad	Quad Q9550	2833 MHz	1333 MHz								X		
775	Core 2 Duo	E6750	2667 MHz	1333 MHz								X		
775	Core 2 Duo	E6850	3000 MHz	1333 MHz								X		
775	Core 2 Duo	E8190 / E8200	2667 MHz	1333 MHz								X		
775	Core 2 Duo	E8400	3000 MHz	1333 MHz								X		
775	Core 2 Duo	E8500	3167 MHz	1333 MHz								X		
775	Core 2 Duo	E6700	2600 MHz	1066 MHz								X	X	
775	Core 2 Extreme	QX6700	2667 MHz	1066 MHz								X		
775	Core 2 Extreme	X6800	2993 MHz	1066 MHz								X	X	
775	Core 2 Extreme	QX6800	2993 MHz	1066 MHz								X	X	
775	Core 2 Extreme	QX6850 / QX9650	3000 MHz	1333 MHz								X		

## List of compatibility for AMD K7 and K8

<b>AMD K7</b>						EDV.Nr. 23436 CPU COOL K7-N	EDP-No. 23437 CPU COOL IP 478	EDV.Nr. 23438 CPU COOL K8	EDP-No. 23439 CPU COOL IP 775	EDP-No. 23440 CPU COOL HEATP
Socket	Code name	CPU	Frequency	Systembus (FSB)	Page 82					
A (462)	Spitfire	AMD Duron	550 ~ 950 MHz	200 MHz	X					
A (462)	Morgan	AMD Duron	900 ~ 1300 MHz	200 MHz	X					
A (462)	Thunderbird	"AMD Athlon ""B""	650 ~ 1400 MHz	200 MHz	X					
A (462)	Thunderbird	"AMD Athlon ""C""	900 ~ 1400 MHz	266 MHz	X					
A (462)	Palomino	AMD Athlon XP (1500+ ~ 2100+)	1333 ~ 1733 MHz	266 MHz	X					
A (462)	Thoroughbred	"AMD Athlon XP ""A"" (1700+ ~ 2100+)"	1467 ~ 1733 MHz	266 MHz	X					
A (462)	Thoroughbred	"AMD Athlon XP ""B"" (1700+ ~ 2600+)"	1467 ~ 2133 MHz	266 MHz	X					
A (462)	Thoroughbred	"AMD Athlon XP ""B"" (2700+ ~ 2800+)"	2167 ~ 2250 MHz	266 MHz	X					
A (462)	Barton	AMD Athlon XP (2500+ ~ 3000+)	1833 ~ 2167 MHz	333 MHz	X					
A (462)	Barton	AMD Athlon XP (3000+ ~ 3200+)	2100 ~ 2200 MHz	400 MHz	X					
A (462)	Applebred	AMD Duron	1400 ~ 1800 MHz	266 MHz	X					
A (462)	Thorton	AMD Athlon XP	2000+ ~ 2400+	266 MHz	X					
A (462)	Thoroughbred B	AMD Sempron (2200+ ~ 3000+)	1500 ~ 2000 MHz	333 MHz	X					
A (462)	Barton	AMD Sempron 3000+	2000 MHz	333 MHz	X					
<b>AMD K8</b>						Page 82	Page 82	Page 82	Page 83	Page 81
Socket	Code name	CPU	Frequency	Systembus (FSB)	Page 82					
754	Claw Hammer	AMD Athlon 64 (2800+)	1800 MHz	800 MHz				X		X
754	Claw Hammer	AMD Athlon 64 (3000+)	2000 MHz	800 MHz				X		X
754	Claw Hammer	AMD Athlon 64 (3200+)	2000 MHz	800 MHz				X		X
754	Claw Hammer	AMD Athlon 64 (3200+)	2200 MHz	800 MHz				X		X
754	Claw Hammer	AMD Athlon 64 (3400+)	2200 MHz	800 MHz				X		X
754	Claw Hammer	AMD Athlon 64 (3500+)	2200 MHz	800 MHz				X		X
754	Claw Hammer	AMD Athlon 64 (3700+)	2400 MHz	800 MHz				X		X
754	Claw Hammer	AMD Athlon 64 (3800+)	2400 MHz	800 MHz				X		X
754	Claw Hammer	AMD Athlon 64 (4000+)	2400 MHz	800 MHz				X		X
754	Newcastle	AMD Athlon 64 (2800+ ~ 3400+)	2200 MHz	800 MHz				X		X
754	Paris	AMD Sempron (3000+. 3100+. with HT	1800 MHz	800 MHz				X		X
754		AMD Sempron (2500+. 3400+)	1400 ~ 2000 MHz	1600 MHz						X
754	Palermo	AMD Sempron (3100+)	1800 MHz	800 MHz				X		X
939	Claw Hammer	AMD Athlon 64 (4000+)	2400 MHz	1000 MHz						X
939	Newcastle	AMD Athlon 64 (3000+ ~ 4000+)	1800 ~ 2600 MHz	2000 MHz						X
939	Newcastle	AMD Athlon 64 (3400+)	2200 MHz	800 MHz						X
939	Newcastle	AMD Athlon 64 (3500+ ~ 3800+)	2200 ~ 2400 MHz	800 MHz						X
939	Winchester	AMD Athlon 64 (3000+ ~ 3500+)	1800 ~ 2200 MHz	1000 MHz						X
939	Claw Hammer	AMD Athlon 64 FX (-53)	2400 MHz	800 MHz						X
939	Claw Hammer	AMD Athlon 64 FX (-55)	2600 MHz	1000 MHz						X
940	Sledge Hammer	AMD Athlon 64 FX (-51/-53)	2200 / 2400 MHz	800 MHz						X
939	Dual-core	AMD Athlon 64 X2 Dual-core3800+	2000 Mhz	2000 MHz						X
939	Dual-core	AMD Athlon 64 X2 Dual-core4200+	2200 Mhz	2000 MHz						X
939	Dual-core	AMD Athlon 64 X2 Dual-core4400+	2200 Mhz	2000 MHz						X
939	Dual-core	AMD Athlon 64 X2 Dual-core4600+	2400 Mhz	2000 MHz						X
939	Dual-core	AMD Athlon 64 X2 Dual-core4800+	2400 Mhz	2000 MHz						X
940 AM2	Dual-core	AMD Athlon 64 FX-62	2800 Mhz	2000 MHz						X
940 AM2	Dual-core	AMD Athlon 64 LE 1600 - LE 1660	2200 ~ 2800 MHz	2000 MHz						X
940 AM2	Dual-core	AMD Athlon 64 X2 6000+		2800 MHz						X
942 AM2	Dual-core	AMD Athlon 64 X2 5600+		2800 MHz						X
943 AM2	Dual-core	AMD Athlon 64 X2 5400+		2800 MHz						X
944 AM2	Dual-core	AMD Athlon 64 X2 5200+		2600 MHz						X
940 AM2	Dual-core	AMD Athlon 64 X2 5000+		2600 MHz						X
940 AM2	Dual-core	AMD Athlon 64 X2 4800+								X
940 AM2	Dual-core	AMD Athlon 64 X2 4600+		2400 MHz						X
940 AM2	Dual-core	AMD Athlon 64 X2 4400+								X
940 AM2	Dual-core	AMD Athlon 64 X2 4200+								X
940 AM2	Dual-core	AMD Athlon 64 X2 4000+								X
940 AM2	Dual-core	AMD Athlon 64 X2 3800+		2000 MHz						X
940 AM2	Dual-core	AMD Athlon 64 3800+		2000 MHz				X		X
940 AM2	Dual-core	AMD Athlon 64 3500+		2000 MHz				X		X
940 AM2	Dual-core	AMD Athlon 64 3200+		2000 MHz				X		X
940 AM2	Dual-core	AMD Athlon 64 3000+ - 4000+	1800 / 2600 MHz	2000 MHz				X		X
940 AM2	Dual-core	AMD Sempron 2100+ - 3600+	1900 - 2600 MHz	1600 MHz				X		X
940 AM2	Dual-core	AMD Sempron 2100+ ~ 3800+	1900 MHz ~ 2200 MHz	1600 MHz				X		X
940 AM2	Dual-core	AMD Sempron LE-1100 ~ LE-1250	1900 MHz ~ 2200 MHz	1600 MHz						X
940 AM2	Dual-core	AMD Athlon 64 X2 Dual core BE-2300 ~ BE-2400	1900 MHz ~ 2300 MHz	2000 MHz						X
940 AM2	Dual-core	AMD Athlon 64 X2 Dual core 3600+ ~ 6400+	1900 MHz ~ 3200 MHz	2000 MHz						X
940 AM2	Dual-core	AMD Opteron II 1210HE-1218HE	1800 MHz ~ 2600 MHz	1000 MHz						X
940 AM2	Dual-core	AMD Opteron II 1220SE	2800 MHz	1000 MHz						X
AM2+	Dual-core	AMD Opteron II 1222SE	3000 MHz	1000 MHz						X
AM2+	Dual-core	AMD Phenom X3 Triple-core 8400 / 8450	2100 MHz	3600 MHz						X
AM2+	Dual-core	AMD Phenom X3 Triple-core 8600 / 8650	2300 MHz	3600 MHz						X
AM2+	Dual-core	AMD Phenom X3 Triple-core 8750	2400 MHz	3600 MHz						X
AM2+	Dual-core	AMD Phenom X4 Quad-core 9500 / 9550	2200 MHz	3600 MHz						X
AM2+	Dual-core	AMD Phenom X4 Quad-core 9600 / 9650	2300 MHz	3600 MHz						X
AM2+	Dual-core	AMD Phenom X4 Quad-core 9750	2400 MHz	3600 MHz						X
AM2+	Dual-core	AMD Phenom X4 Quad-core 9850	2500 MHz	4000 MHz						X

## List of compatibility for Graphics Card Cooler

Brand	Type	diagonal hole distance of chip (mm)	EDV.Nr. 23448 VGA COOL PIPE	EDV.Nr. 23441 VGA COOL
			Page 81	Page 83
ATI	RADEON 7000 / 7200 /7500 series	54.8 mm	X	
ATI	RADEON 8500 series	54.8 mm	X	
ATI	RADEON 9000 / 9200 /9500 / 9550 series	54.8 mm	X	
ATI	RADEON 9200 PCI SE VIVO /9500 PRO	54.8 mm		X
ATI	RADEON 9000 / 9000 PRO	54.8 mm		X
ATI	RADEON 9700	54.8 mm		X
ATI	RADEON 9600 / 9700 / 9800 series	54.8 mm	X	
ATI	RADEON 9600. XT PRO SE / 9700. PRO / 9800 XT Pro	54.8 mm		X
ATI	RADEON X300 / X550 / X600 / X700 series	54.8 mm	X	
ATI	RADEON X800 / X850 series	54.8 mm	X	
ATI	RADEON X1600 / X1800 / X1900 series	75.4 mm	X	
ATI	RADEON X1950 series	75.4 mm	X	
ATI	RADEON X1300 / X1600 / X1600XTseries	61.1 mm	X	
ATI	RADEON X1650	61.1 mm	X	
ATI	HD2400 / HD2600 series	61.1 mm	X	
Nvidia	GeForce 3 Ti 200 / 500 series	54.8 mm	X	X
Nvidia	GeForce 4 MX 4000	54.8 mm		X
Nvidia	GeForce 4 MX 420 / 440 / series	54.8 mm	X	X
Nvidia	GeForce 4 MX 460	54.8 mm	X	X
Nvidia	GeForce FX 5200 /5500 / 5600XT series	54.8 mm	X	
Nvidia	GeForce 6200 series	54.8 mm	X	
Nvidia	GeForce 7300 GS / 7600GT / 7600GS	54.8 mm	X	
Nvidia	GeForce 8400 series	54.8 mm	X	
Nvidia	Geforce 4Ti 4200/4200 8X	79.7 mm	X	
Nvidia	Geforce 4Ti 4400/4600/4800	79.7 mm	X	X
Nvidia	Geforce FX 5200 ULTRA	79.7 mm		X
Nvidia	Geforce FX 5500	54.8 mm		X
Nvidia	Geforce FX 5600 ULTRA/5700/5700 ULTRA	79.7 mm	X	X
Nvidia	Geforce FX 5600	54.8 mm		X
Nvidia	Geforce FX 5800	79.7 mm		X
Nvidia	Geforce FX 4500/ 5900 / 5900 XT	79.7 mm	X	X
Nvidia	Geforce FX 5900 SE	79.7 mm		X
Nvidia	Geforce FX 5950	79.7 mm		X
Nvidia	Geforce FX 5950 ULTRA	79.7 mm	X	X
Nvidia	Geforce 6600 / 7300GS / 7300GT / 7600GS	79.7 mm	X	
Nvidia	Geforce 6800/6800GT / 8500GT / 8600GT	79.7 mm	X	
Nvidia	Geforce 6800/7600/7800*/7900/7950 GT/8500GT/8600GTS/8600GT	75.4 mm	X	
*except from Nvidia 7800 GS. Not for ATI RADEON X300 series. Chaintech SA6200. SE62TC. SA62A. SA62AC. SA62A-G2. SA6600. SA66LE-T2				
Nvidia	Geforce 8800 series (not for 82.5 mm)	79.7 mm	X	

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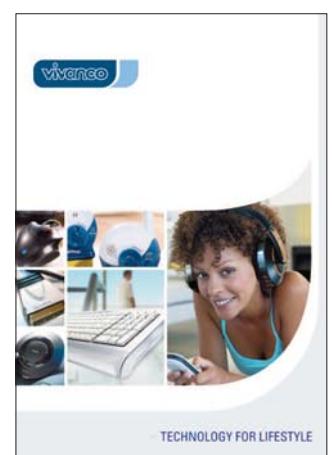
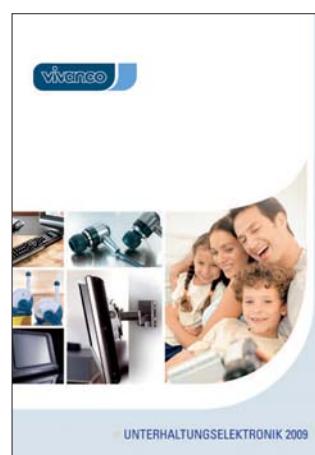
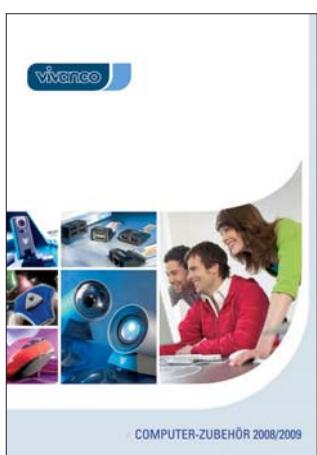
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